COLORADO BIRD NOTES

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THE LAZULI BUNTING AT THE VAN BIBBER CREEK HOGBACKS AT GOLDEN, COLORADO

by George R. Shier

In 1820 the ornithologist, Thomas Say, a member of the Long Expedition, first described the Lazuli Bunting in notes made near the site of Colorado Springs, a prime nesting location for that species. The Lazuli Bunting is numerous in Colorado only along the Eastern Slope foothills and in the lower parts of the Rio Grande and Colorado River systems. Although Colorado Bird Notes reported a nest containing young at Eldora around 8500 ft. observed July 23, 1960, most nests are found below 7000 ft.

In the Van Bibber Creek hogbacks, the Lazuli Bunting appears in late May and by the first week of June is paired and starting nests. The male begins to sing from conspicuous perches near the nest and keeps it up until the last brood is independent. He chases unattached males furiously, pauses for rest and again takes up the chase until one or the other bird gives up, but there is no actual fighting.

The plain female keeps under cover much of the time. She quickly selects a nest site associated with choke cherry, thimbleberry, or sand willow, located 2 to 4 feet above ground in shrubs 2 to 6 feet high. One nest was started at daybreak June 23, 1964, and completed June 26. Three eggs had been laid by June 29, and incubation was started. The eggs hatched early July 10. Other nests may receive four eggs. The young remain in the nest 10 or 11 days, then flutter into adjoining shrubbery where they remain 10 or 12 days during which time both parents feed and watch over them. The parents usually scold when the nest is approached within 25 feet, and give single soft cheeps if flushed. Observed nesting dates range from completion of a nest on June 7, 1964, to the hatching of four eggs August 4, 1964.

Although the Van Bibber area has a great variety of shrubs, including mountain mahogany, three-leaf sumac, squaw currant, gooseberry, hawthorn, ninebark and mountain willow, no nests have been found associated with these. Six nests were placed in shrubs close to our buildings, of which four were successful. Two were deserted when disturbed by cowbirds after one egg had been laid. However, cowbirds are often successful in adding an egg and the young cowbird is raised. With Don Thatcher, I observed a nest in stunted choke cherry on the crest of the Hogback that held one plump cowbird and two very thin bunting young. The female parent was fly-catching from perches near the nest. Other females have been observed fly-catching about the buildings when feeding young.

Unknown predators other than intruding cowbirds prey on Lazuli Bunting nests. Of five 1964 nests with young, two were robbed by predators which did not damage the nests, possibly Magpies or Scrub Jays, the nests being at a distance from the buildings, which are some protection from such predators.

If a nest is deserted or damaged during June or July, a new one is started immediately. If the first early brood is raised successfully, some evidence indicates that at a new location an effort is made to raise a second brood, probably less subject to cowbird problems, as happened in 1964 when the cowbirds disappeared during June, not to return.

Male Lazuli Buntings may pair with female Indigo Buntings and the reverse. This results in some hybrid males without full Lazuli or Indigo plumage. Colorado Bird Notes has reported such mixed pairings and hybrids.

When the last brood of young has been raised, the adult Lazuli Buntings vanish. The few observed into early September appear to be immature birds, often in groups of two or three.

The buntings retire to Mexico for the winter and little is known of their migration habits between Mexico and Colorado. In favorable locations, as on Van Bibber Creek, they occupy almost all the suitable clumps of shrubs. A thimbleberry bush may be used more than once. One on the west side of the house was occupied in 1960 and 1963, and another on the east side was occupied in 1962 and 1964. Dense growths of sand willow may be chosen when two years old, or possibly three years if growth has been slow. Older sand willows are avoided. Choke cherries between two and five feet in height may be chosen. One nest was located in a staghorn sumac associated closely with choke cherries and another nest was found in a small single hawthorn of the same size as the dense sand willows surrounding it, but it seems that these were isolated shrubs associated with a group of one of the three favored shrubs. There is no scrub oak on Van Bibber Creek, but in the scrub oak areas, other shrubs than the three mentioned may be used for nesting. Information from other observers will be welcomed to increase data on the Lazuli Bunting in Colorado.

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WELDONA NOTES

by Howard Rollin

March 31, 1964 - The drought continued into March, with only light precipitation March 7, 24-25, and 28. There was no severe cold, but the wind continued as in January and February. The last week or so was quiet and warm, with an increase in bird movement and appearance of the first migrants.

April 30 - This month had 1½ inches of moisture to break the drought of the fall and winter. April was windy, with very few still days. The grass is making good growth, but needs more moisture to continue. Bird migrants are in very small numbers. Many species have been entirely absent but may come in later, as in many respects the spring is very backward.

May 31 - May also had 1½ inches of precipitation. The frequent strong, dry winds depleted the moisture so that all plant life seems to be just getting by, although everything is green. There was frost May 12 and 13, and a high of 93° May 25. Bird activity has been very erratic.

Following are data for the three months of March (Mar.), April (A) and May. (F - first, L - last).
Mallard - a few nesting along creek where there is water.
Swainson's Hawk - F 4/23, occasional later.
Rough-legged Hawk - L 4/6.
Golden Eagle and Marsh Hawk - Occasional (A and May).
Sparrow Hawk - commonest hawk, but infrequent (A and May).
Ring-necked Pheasant - few (A, May).
Killdeer - first 3/18-21, scarce later.
Curlew (Long-billed?) - heard calling 4/18 the first in years.
Mourning Dove - F, 1 3/31; scarce, A; more in May, common 5/13.
Yellow-billed Cuckoo - 1 5/25; rare here.
Great Horned Owl - one pair with newly-hatched young 4/10 (late); fair numbers, May.
Burrowing Owl - 2 4/18; few, about prairie dog town.
Short-eared Owl - 2 4/25.
Common Nighthawk - F 2 5/15,25; small numbers.
Red-shafted Flicker - fairly common through April.
Red-headed Woodpecker - 1 5/19.
Downy Woodpecker - 1 3/11.

Eastern Kingbird - F 1 5/11-16; scarce
Western Kingbird - F 1 5/1-2, common 5/13.
Say's Phoebe - F 1 3/31, next 4/1-8; home pair here 4/10, started fixing nest at once; fairly common by 4/30; young by 5/25.
Horned Lark - very common (A) but very few young.
Rough-winged Swallow - F 1 5/15-16; scarce later.
Barn Swallow - F 3 4/30.
Black-billed Magpie - small number, A; fairly common, May.
Common Crow - 2 4/15; very occasional, May.
Rock Wren - 1 4/14; scarce this year.
Mockingbird - F, 1 4/21-22; fairly common 4/30 and May.
Catbird - 1 5/16.
Brown Thrasher - F, 1 5/6-7; scarce.
Sage Thrasher - F, 1 4/9-10; scarce.
Robin - F, 1 4/9-10; scarce, most seen 6 4/22.
Swainson's Thrush - 1 5/14-16.
Mountain Bluebird - F, 1 3/13-14; fairly common 3/29; L, 4/15.
Ruby-crowned Kinglet - 1 5/9.
Bohemian Waxwing - 1 (no tail) 3/23-24, the first in years.
Northern Shrike - L, 3/27.
Loggerhead Shrike - F, 3 4/18-22; fairly common 4/30; few, May.
Starling - occasional, A & May.
Orange-crowned Warbler - 1 5/14.
Yellow Warbler - 1 5/14.
Myrtle Warbler - occasional, A.
MacGillivray's Warbler - 1 5/5-6.
Yellow-breasted Chat - 1 5/18.
House Sparrow - a few, A & May.
Western Meadowlark - very common; some young out of nest by 4/30.
Red-winged Blackbird - occasional, all months.
Brewer's Blackbird - F, 3 4/18-19; common 4/30.
Orchard Oriole - singing male 5/6.
Bullock's Oriole - F, 1 5/10-11; a few later.
Common Grackle - F, 4 4/17-19; common 4/25; occasional, May.
Brown-headed Cowbird - F, 1 4/9-10; common 4/30, 5/1; first female 5/1; scarce later.
Blue Grosbeak - F, 1 female 5/27.
House Finch - 1 4/19.
Pine Siskin - 12 4/4.
American Goldfinch - small numbers thru A & May.
Lark Bunting - F, 7 males 4/30; males common by 5/6; first female 5/10, common 5/11; large flocks dispersed and species is scarce by end of May.
Vesper Sparrow - few, April; L, 5/14.
Lark Sparrow - F, 1 4/25; fairly common 5/1, a few later.
Cassin's Sparrow - F, 1 5/20-21; scarce.
White-winged Junco - 1 3/28.
Slate-colored Junco - 1 4/7-8.
Oregon Junco - 4/12-17.
Tree Sparrow - L 4/19.
Chipping Sparrow - F, 1 4/29.
Clay-colored Sparrow - F, 1 4/28-30; common 5/6; L 5/18.
Brewer's Sparrow - F, 3 4/28,29; common 5/15; fairly common later.
White-crowned Sparrow - L, 5/17.
McCown's Longspur - F, 8 4/1-15; L 4/22.
Lapland Longspur - L 3/28.

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Thanks are due Howard Rollin for his gift of another of his excellent bird paintings, this one of the Short-eared Owl.

SPRING MIGRATION, 1964

by Donald M. Thatcher

The 1964 spring migration was characterized by being somewhat slow in starting, but the later part was more nearly normal, most of the later migrants being somewhat earlier than usual. Of 73 of the more numerous and readily observed species, the first reports of 44 were earlier than the averages for the past several years, 24 were later, and 5 were "on time". Eighty-four percent (all but 12) were within 10 days of their averages and 37 (51%) were not more than 5 days earlier or later than average. The average arrival for all 73 species was 3 days ahead of normal.

There was an exceptional number of extremely unusual species, including Red-necked Grebe, Yellow-crowned Night Heron, European Widgeon, Greater Scaup, Broad-winged Hawk, American Woodcock, Knot, Dunlin, Vermilion Flycatcher, Gray-cheeked Thrush, Sprague's Pipit, Worm-eatingWarbler, Cape May Warbler, Blackburnian Warbler, Kentucky Warbler, Summer Tanager, Cardinal and Purple Finch. Data for these are included in the following report.

Species are listed in the following categories: (1) winter residents, latest spring observations; (2) transients, with earliest arrival and latest departure dates, and in some cases peak dates and high counts; (3) summer residents, earliest spring reports; (4) stragglers and casuals; and (5) resident species. A number of species which breed in this region are here treated as migrants in the localities for which they are reported.

Contributors: Jay Arnold, Mrs. Roberta Ausfahl, Mrs. Inez Baker, Mrs. Merle Barbour, Verlie Beeler, Lawrence & Catherine Bonner, Elsie Burrows, Claude & Bernice Burt, Mrs. Allegra Collister, Camille Cummings, Ted & Ruth Dement, Robert & Nancy Gustafson, R. Hamre, Louise Hering, Peter Holme, Jr., Harold Holt, Nancy Hurley, Paul & Leslie Julian, Mrs. Marjorie Lett, Carroll Littlefield, Thompson Marsh, Meredith Morris, Sadie Morrison, A. Oliver, Oppie Reames, Howard Rollin, Ronald Ryder, George & Marie Shier, John Smiley, Robert Spencer, Ellie Stevens, Nina Stultz, Donald Thatcher, Oakleigh Thorne, G. Ward, Lois Webster, Lynn Willcockson, Howard Winkler. Most Fort Collins reports, credited (BC) are from a spring report compiled for the Fort Collins Bird Club by Carroll Littlefield, generally without individual observer credit. LBC--Longmont Bird Club. Count--Spring Count, May 16. Club--scheduled field trips of Denver Field Ornithologists. RMNP--Rocky Mountain National Park; CCRA--Cherry Creek Recreation Area.

Winter Resident Species. Latest spring occurrences.

Green-winged Teal - peak, 150 4/11 Fort Collins (BC); 3 5/22 Longmont (IB).
Common Goldeneye - 2 5/9 Bonny Resv. (AC,NH,LW).
Bufflehead - 1 5/23 Fort Collins (TM).
Common Merganser - 10 5/16 Fort Collins (BC).
Rough-legged Hawk - 1 5/9 Mount Vernon Canyon, Jefferson Co. (R&NG).
Pigeon Hawk - 5/9 Jefferson Co. (HW).
Herring Gull - 2 4/30 Fort Collins (NH).
Ring-billed Gull - 35 5/22 Longmont (IB).
Horned Lark - last flock, 50 4/3 Platteville (ML).
Red-breasted Nuthatch - unusual abundance on plains; last 5/5 at Fort Collins (BC); 5/9, 10 Bonny Resv. (DC,NH,LW); 2 5/16 Red Rocks (Count).
Townsend's Solitaire - 1 4/19 Sedalia (Club).
Bohemian Waxwing - last, Durango 125 3/6 (OR); Denver area (Golden) 100 4/11 (Club); Fort Collins 1 5/3 (RR).
Northern Shrike - 1 3/28 Golden (GS).
Evening Grosbeak - last, Platteville 1 4/6 (ML), Longmont 5/30 (IB), 6/15 Durango (OR)
Cassin's Finch - very numerous to 5/12 Golden (GS); last, 5/3 Fort Collins (BC), 5/15 Longmont (IB), 2 5/27 SE Denver (TM).
Common Redpoll - 5 3/20 Golden (GS).

Pine Siskin - 5/23 Longmont (IB).
Red Crossbill - unusual spring flight on plains; 35 5/16, 20 5/23 Fort Collins (BC); several June records, 20 6/16 Longmont (IB); flock 50 through spring until 6/25 Berthoud (JA); many other spring records on plains.
White-winged Junco - 1 4/11 Longmont (IB); 1 4/11 Georgetown (C&BB).
Slate-colored Junco - 1 4/19 Fort Collins (BC).
Oregon Junco - singing 2/21 Denver (L&CB); 1 4/27 Denver (TM).
Gray-headed Junco - none at feeders all winter, 1 4/3-7 Longmont (IB); 1 5/26 Denver (TM).
Tree Sparrow - 1 5/6 Weld Co. (VB,IW).
Harris' Sparrow - 2 5/13 Golden (G&MS).
White-crowned Sparrow - peak 150 4/9, 1 5/28 SE Denver (L&CB).
White-throated Sparrow - 1 12/21 thru 4/17 at feeder, Longmont (IB).
Lapland Longspur - 6 3/5 Adams Co. (NH,T&RD).

Transient Species. Earliest arrivals and latest observations (H--high count; P--peak).
Common Loon - 1 4/27 Fort Collins (BC); 1 5/16 Bonny Resv. (Count).
RED-NECKED GREBE - 1 in breeding plumage 3/24 Union Resv., Longmont (AC).
Horned Grebe - 1 3/18 Longmont (AC); P 25 4/19 Fort Collins (BC); 3 5/16 Fort Collins (Count).
White Pelican - 1 4/19 Fort Collins (BC); H - 100 5/2 Bonny Resv. (NH,DT); 27 6/7 (or later) Platteville (ML). (VB)
Green Heron - 2 Bonny Resv. (AC,NH,LW) and 2 Barr Lake (Club 5/9; 1 5/20 Larimer Co
Common Egret - 1 5/16 Barr Lake area (Count).
Whistling Swan - 1 3/14 Barr Lake (Club); 3 to 3/28, 1 4/8 Fort Collins (BC).
Snow Goose - 4 3/28 LaSalle (ML); 400 3/29 No. Colorado (NH,T&RD).
Mallard - most migrants gone by 4/19 Fort Collins (BC).
Gadwall - 10 still present 5/16 Fort Collins (BC).
Pintail - 2000 3/22 Barr Lake (Club); pair 6/1 Longmont (IB).
Ring-necked Duck - 7 3/14 Barr Lake (Club); arrived 3/26 (9), last 4/19 (10) Fort Collins (BC); female 6/4 Boulder (P&LJ).
Canvasback - migration began 3/21 (12), last 4/24 (4) Fort Collins (BC); 2 5/16 CCRA (Count)
Greater Scaup - 2 3/28 (green heads) Jefferson Co (R&NG); 1 3/29 with Lesser Scaup, Jefferson Co (R&NG); pair 4/27 compared with Lessers, CCRA (NH,LW); 2 4/30 Fort Collins (NH,RD,ES).
Lesser Scaup - 12 3/14 Barr Lake (Club); 150 4/5 Longmont (IB); P 200 4/12 Fort Collins (BC); reported 9 areas 5/16 (Count).
Hooded Merganser - numerous reports February and March, Denver area; last 1 4/12 Jefferson Co (R&NG).
Red-breasted Merganser - 1 3/22, 7 4/19 Fort Collins (BC). (HW).
Broad-winged Hawk - 3 4/19, 1 thru 5/6 Fort Collins (BC); 5/10 Louviers, Douglas Co.
Bald Eagle - 1 4/12 Barr Lake (NH,LW).
Osprey - 2 CCRA (Club), 1 Lake George, Park Co (R&NG) 4/18; 1 5/16 Park Co (R&NG).
Peregrine Falcon - 11 seen 4/11 within approximately one hour, flying northward over the Hogback north of Golden; there were positively at least two, and it did not appear that the high count was of only two or three birds circling, as might be the case with this scarce species (GS,RS). 1 5/6 Indian Meadows, Larimer Co., 1 5/10 SE Denver (L&CB).
Sparrow Hawk - P 53 4/19 between Denver and Sedalia (Club).
Sandhill Crane - 20 3/29 No. Colorado (NH,T&RD); 5 late April, Weld Co (IW).
Snowy Plover - 1 4/25 Longmont (IB).
Semipalmated Plover - 2 4/18 CCRA (Club); 12 Barr Lake (Club), 1 Weld Co (VB) 5/9.
Black-bellied Plover - 2 Weld Co (VB), 8 Mile High Lakes (Club) 5/9; 34 Bonny Resv., 2 Fort Collins, 1 Barr Lake, 5 Park Co 5/16 (Count).
Whimbrel - 1 5/10 well seen CCRA (NH,LW).
Solitary Sandpiper - 1 3/29 SE Denver (L&CB); 1 5/16 Bonny Resv. (Count).
Willet - 4/18 Barr L (HW); H 20 4/28, 1 5/22 Longmont (IB).
Greater Yellowlegs - 2 (separate) 3/22 Fort Collins (RR,CL); H 14 4/15 SE Denver (L&CB); 1 each Bonny Resv., Fort Collins 5/16 (Count).

Lesser Yellowlegs - 3 3/29, H 25 4/15 SE Denver (L&CB); 1 each Bonny Resv., Fort Collins 5/16 (Count).
Knot - 5/7 CCRA (HW).
Baird's Sandpiper - 1 3/19 Adams Co (TM); H 20 4/28 Longmont (IB); 1 5/16 CCRA (Count).
Least Sandpiper - 13 4/1 Fort Collins (BC); H 30 5/5 Mile High Lakes (NH,LW); 2 5/14 Longmont (IB).
Dunlin - 1 5/1 Boulder (P&LJ).
Long-billed Dowitcher - 6 Arvada (HH), 4 Fort Collins (BC), Barr Lake (HW) 4/11; H 100 5/6 Weld Co (VB,IW); 8 5/23 LaSalle (ML).
Stilt Sandpiper - 3 4/28 Fort Collins (BC).
Semipalmated Sandpiper - 6 4/26 Platteville (Club); H 20 5/3 Longmont (IB); 1 5/6 Weld Co (VB,IW).
Western Sandpiper (1st & H) 11 3/29 SE Denver (L&CB); 1 5/20 Longmont (IB,AC).
Marbled Godwit - 1 4/8 Fort Collins (BC); H 15 4/28 Longmont (IB); 3 5/17 LaSalle(ML).
Sanderling - F&H flock 35 4/25, L 3 5/29 Longmont (IB,AC).
Black-necked Stilt - 1 4/16 Weld Co (VB).
Franklin's Gull - 1 4/5 Longmont (IB); 150 4/26 Platteville (Club); 200 5/3, 48 5/24 Fort Collins (BC).
Bonaparte's Gull - 2 4/19, H 4/20, L 4/24 Fort Collins (BC).
Least Tern - 3 4/25 Rocky Mtn Lake, Denver (RS).
BARRED OWL - 1 5/16 Bonny Resv. (Count).
Rufous Hummingbird - 2 5/16 Colorado Springs (Count); 1 5/22 Golden (GS).
Red-bellied Woodpecker - 1 5/2 Bonny Resv. (Club).
Yellow-bellied Sapsucker - 1 3/15 Longmont (AC); 3/31 Durango (OR).
Great Crested Flycatcher - 4 5/16 Bonny Resv (Count).
Eastern Phoebe - 1 5/16 Bonny Resv (Count).
Least Flycatcher - 8 5/8-10 (ident. by song) Bonny Resv (AC,NH,LW).
Dusky Flycatcher - 1 5/1 (Gray back, long brownish tail) SE Denver (TM).
Eastern Wood Pewee - 2 5/16 Bonny Resv (Count).
Olive-sided Flycatcher - 5/7 SE Denver (TM); 1 5/16 Fort Collins (BC).
Tree Swallow - 50 4/17 East Lake (RD,NH,ES), many 5/6 Boulder (P&LJ); 2 5/16 Fort Collins (BC).
Pinon Jay - flock 150 4/17 Longmont (IB); flock 11-14 5/9,16 Red Rocks (Club,Count); flock at feeder to 5/15 Lyons, reported to AC.
Wood Thrush - 2 5/16 Bonny Resv (Count).
Hermit Thrush - 4/18 (HW), abundant 4/25 (Club) Barr L; 30 Barr L (Club), Bonny Resv (AC,NH,LW) 5/9, 4 5/10 Fort Collins (BC).
Swainson's Thrush - 1 4/25 Barr Lake (Club); next, 2 5/9 Jefferson Co (DT,HW); 5 areas 5/16 (Count).
GRAY-CHEEKED THRUSH - 1 4/13, 5/31 Golden (GS).
Veery - 1 5/3 Longmont (AC); 1 5/16 Fort Collins (BC).
Eastern Bluebird - 4 4/26 Platteville (Club); 3 5/9, 4 5/16 Bonny Resv (AC,NH;Count).
Blue-gray Gnatcatcher - 1 4/26 Red Rocks (DT); 5/14 Boulder (P&LJ).
Ruby-crowned Kinglet - 1 all winter, Boulder (LH); 1/6 Durango (OR); 1 2/25 Golden (GS); 1 thru Feb., March, Golden (RS); first migrant 4/19 Kiowa (HW); 1 5/11 Berthoud (VB).
Water Pipit - 4 4/4 Fort Collins (BC).
SPRAGUE'S PIPIT - 1 5/4 SE Denver, seen well, light legs and striped back (L&CB).
Cedar Waxwing - 4 4/24 Denver (TM).
Bell's Vireo - 1 5/16 Bonny Resv (Count); 1 5/28 Golden (GS).
Solitary Vireo - 4/19 Kiowa (HW); next 1 5/8 Fort Collins (BC) and Bonny Resv (AC).
Philadelphia Vireo - 1 5/9 Bonny Resv (AC,NH,LW).
Black-and-White Warbler - male 4/26 banded Longmont (IB); 1 5/2 Golden (Club), 1 5/10 Denver (L&CB); 1 5/16 Bonny Resv (Count).
WORM-EATING WARBLER - 1 4/26 Morrison (RS,DT).
Golden-winged Warbler - 1 5/16 Barr Lake (Count).
Orange-crowned Warbler - 1 4/24 Fort Collins (BC); reported Bonny Resv and Morrison 5/16 (Count).
Nashville Warbler - 2 5/1 Denver (L&CB); last 5/24 Golden (GS).
Parula Warbler - 3 4/25 Barr Lake (Club); female 5/5 Longmont (AC); female 5/15 Golden (GS).

Magnolia Warbler - 5/8 Boulder (P&LJ).
CAPE MAY WARBLER - 1 5/10 Kittredge (HH).
Myrtle Warbler - 3/4 Durango (OR); first, eastern slope 1 4/18 Platteville (ML); 4 reports 5/16 (Count).
Audubon's Warbler - (winter) 1 1/6 at feeder, Durango (OR); 4/18 Denver area (Club); 5/9 Bonny Resv (AC,NH,LW).
Black-throated Gray Warbler - 1 5/10 SE Denver (L&CB).
Townsend's Warbler - 5/7 Boulder (P&LJ); 5/16 Bonny Resv. and Colorado Springs (Count).
Blackburnian Warbler - 1 female 5/10 (AC,NH,LW), 1 5/16 (Count) Bonny Resv.
GRACE'S WARBLER - 11 Longmont, 1 Colorado Springs 5/16 (Count).
Chestnut-sided Warbler - 1 5/9 Bonny (AC,NH,LW); 1 5/16 Colorado Springs (Count); 1 5/16 (Count), 5/19 (MB,RA) Red Rocks; 1 6/1, pair 6/2 Longmont (VB;IB,AC).
Bay-breasted Warbler - 1 5/11 Bonny Resv (AC).
Blackpoll Warbler - 1 5/9 Bonny Resv. (AC,NH,LW).
Ovenbird - 1 5/9, 10 banded (AC,NH,LW), 1 5/16 (Count) Bonny Resv.; 1 5/14-16 Fort Collins (BC).
Northern Waterthrush - 5/8 Boulder (P&LJ); 3 reports 5/16 (Count).
MOURNING WARBLER - 1 5/16 Bonny Resv (Count).
Hooded Warbler - 1 4/26-29 (G&MS,DT).
KENTUCKY WARBLER - 1 5/13 Golden (GS); lacked black face streak, which is often obscured in female; not on Colorado list; 1 or 2 believed seen at Boulder in May, June 1963 by LH.
Wilson's Warbler - 4/25 Barr Lake (Club); peak 12 5/10 Fort Collins (BC); 1 5/12 Denver (L&CB).
Western Tanager - first 1 5/4 Denver (L&CB).
Rose-breasted Grosbeak - 5/7 Berthoud (JA); other reports Golden 5/26, and 5 areas 5/16 (Count); last, 3 females 5/22 Fort Collins (CL).
Baird's Sparrow - 1 4/28 Lyons (LBC).
Field Sparrow - 1 3/29 near Barr Lake (C&BB).
Fox Sparrow - 1 dead, dark phase 4/1 Durango (OR).
Lincoln's Sparrow - 1 4/12 Barr L (LW,NH); 5/31 Golden (GS).
Swamp Sparrow - 4/5 Barr Lake (HW); 1 5/4 Denver (L&CB).

Summer Resident Species. Earliest arrivals, also high counts (H) or migration peaks (P) for some.
Eared Grebe - 1 4/5 (IB), H 175 5/16 (Count) Longmont.
Western Grebe - 3/28 Denver (Club); H 251 5/16 Fort Collins (BC).
Pied-billed Grebe - 1 3/14 Barr Lake (Club).
Double-crested Cormorant - 5 4/2, P 23 4/19 Fort Collins (BC).
Great Blue Heron - 6 north of Denver (NH,T&RD) and 4 SE Denver (L&CB) 3/29; P 40 4/24 Fort Collins (BC).
Snowy Egret - 4/14 Fort Collins (RR).
Black-crowned Night Heron - 9 4/11 Standley Lake, Jefferson Co (HH).
American Bittern - 1 4/11 Arvada (HH).
White-faced Ibis - 4/12 Loveland (HW); 15 4/25 Barr Lake area (Club).
Blue-winged Teal - 1 Fort Collins (BC), 1 Longmont (AC), 6 Barr Lake (Club) 3/22.
Cinnamon Teal - 1 Fort Collins (BC), Barr Lake (HW) 3/7; next report 4 3/20 Mile High Lakes (NH,RD).
American Widgeon - P 10 4/5 Fort Collins (BC); pair 6/1 Longmont (IB).
Shoveler - 1st at Boulder 3/1 (P&LJ); 450 3/27, 200 5/16 Fort Collins (BC).
Redhead - 20 2/22 Denver (Club); migration began 2/29 (20), P 3/22 (1200) Fort Collins (BC); 5 5/22 Longmont (IB).
Ruddy Duck - arrived 3/20, P 105 4/8 Fort Collins (BC).
Common Merganser - pair 5/17 Granby Resv., Grand Co (R&NG).
Turkey Vulture - 1 3/21 Fort Collins (JS).
Swainson's Hawk - 1 4/12 Barr Lake (NH,LW).
Virginia Rail - approximate arrival 5/10 Fort Collins (BC).
Sora - 1 5/6 Weld Co (VB,IW).
American Coot - 3/10 Fort Collins (BC); 1200 4/5 CCRA (Club).
Long-billed Curlew - 1 4/15 SE Denver (L&CB); 6 4/19 Sedalia area (Club).

Spotted Sandpiper - 1 4/27 Fort Collins (BC).
American Avocet - 1 3/24 Larimer Co (LBC); P 137 4/18 Fort Collins (BC).
Wilson's Phalarope - 2 4/15 SE Denver (TM); H 300 5/9 Barr Lake (Club).
California Gull - 2 3/28, H 60 4/25 Fort Collins (BC).
Forster's Tern - 12 4/24 Boulder Co (P&LJ).
Black Tern - 5/3, H 203 5/16 Fort Collins (BC).
Mourning Dove - arrived 3/21 Fort Collins (BC); first singing 4/1 Denver (L&CB,TM).
Yellow-billed Cuckoo - 4 reports 1 each 5/16 (Count).
Black-billed Cuckoo - 1 5/22 Fort Collins (MM).
Burrowing Owl - 2 4/5 CCRA (Club).
Poor-will - 1 Longmont, 2 Fort Collins 5/16 (Count).
Common Nighthawk - 1 5/9 Bonny Resv (AC), 1 5/10 Denver (L&CB).
Chimney Swift - 5/6 Boulder (P&LJ); 3 5/7 Loveland (RH); other reports 5/13 and later: Denver, Longmont, Berthoud, Fort Collins, Colorado Springs.
White-throated Swift - 4/12 Loveland (HW); 100 4/18 Garden of the Gods (RS).
Broad-tailed Hummingbird - 1 5/3 Morrison (R&NG).
Red-headed Woodpecker - 1 5/8 Bonny Resv (AC); 1 5/20 above 7000 ft. Larimer Co(L&CB).
Eastern Kingbird - 5/2 Barr Lake (HW); next 5/9 Bonny Resv (AC,NH,LW).
Western Kingbird - 4/25 Barr Lake (Club); next 5/1 Platteville and Fort Collins.
Cassin's Kingbird - 5/16 Fort Collins, Longmont, Franktown (Count).
Say's Phoebe - 1 3/29 No. Colorado (NH,T&RD); 1 4/1 Golden (GS).
Traill's Flycatcher - 1 5/8 Bonny Resv (banded, AC).
Hammond's Flycatcher - 1 each 5/16 Longmont and Mt. Evans area (Count); 1 5/26 RMNP (banded, AC).
Western Flycatcher - 2 5/2 Golden (Club).
Western Wood Pewee - 1 4/11 (extremely early) Larimer Co (VB); next 1 4/28 SE Denver (L&CB).
Violet-green Swallow - 12 4/16 Lyons (VB).
Bank Swallow - 1 4/17 Fort Collins (BC).
Rough-winged Swallow - 1 4/17 Fort Collins (BC).
Barn Swallow - 2 4/16 Weld Co (VB).
Cliff Swallow - 1 4/20, 3700 on nesting areas 5/16 Fort Collins (BC).
White-breasted Nuthatch - 1 6/26,28 Longmont (IB), unusual on plains in summer.
House Wren - 4/19 Kiowa (HW); 4/25 Barr Lake (Club).
Rock Wren - 3/13 Golden (GS).
Mockingbird - 3/19 Berthoud (JA).
Catbird - 1 5/9 Bonny Resv (AC,NH,LW); 1 5/13 Denver (TM).
Brown Thrasher - 1 5/2 Golden (Club); 5/3 at Longmont and Fort Collins; 40 5/9 Bonny Resv (AC,NH,LW). (R&NG).
Sage Thrasher - 1 4/4 Morrison (R&NG); 4/4 Fort Collins (BC); 1 4/18 Antero Resv
Robin - 1000, first song 3/17 SE Denver (L&CB).
Western Bluebird - 1 3/28 Golden (Club).
Mountain Bluebird - 3 2/2, P 175 3/20 Fort Collins (BC); 3 4/19 Sedalia (Club).
Loggerhead Shrike - 3/29, P 12 5/3 Fort Collins (BC); next 1 4/10 Denver (L&CB).
Red-eyed Vireo - 1 5/12 SE Denver (L&CB).
Warbling Vireo - 5/9 Golden (GS), Bonny Resv (AC,NH,LW), Fort Collins (BC).
Virginia's Warbler - 1 5/2 Golden (Club); 5/2 Barr Lake (HW).
Yellow Warbler - 3 reports 4/30 Denver to Fort Collins (LH,RD,ES), several 5/1 Den.
MacGillivray's Warbler - 1 5/2 Golden (Club).
Yellowthroat - 4/25 Barr Lake (Club).
Yellow-breasted Chat - 1 5/9 Bonny Resv (AC,NH,LW) and Red Rocks (Club); 5/10 Fort Collins (BC).
American Redstart - 1 5/3 Longmont (AC), several reports 5/3-6/11.
Bobolink - 2 6/2 west of Craig (ML).
Yellow-headed Blackbird - 3/31 Berthoud (JA); 4/5 Barr Lake (HW); 4/5 Fort Collins (BC); numbers by 4/12.
Orchard Oriole - 1 5/6 Weldona (HR); 46 5/16 Bonny Resv (Count).
Baltimore Oriole - 5 5/8 Bonny Resv (AC); male 5/10, female 5/15 Fort Collins (CL,RR).
Bullock's Oriole - 5/2 Barr Lake (HW).
Brewer's Blackbird - 10 3/31 Platteville (ML).

Common Grackle - 4/5 Fort Collins (BC).
Brown-headed Cowbird - 1 4/9 Weldona (HR), 7 4/19 Sedalia (Club).
Black-headed Grosbeak - 5/9 Bonny Resv (AC,NH,LW).
Blue Grosbeak - 1 5/14 CCRA (LW,NH); 4 males 5/16 near Longmont (AC,CC,NS).
Indigo Bunting - imm. male (banded) 5/9 Bonny Resv (AC,NH,LW); other reports 5/11-19 Longmont, Golden, Bonny, Fort Collins.
Lazuli Bunting - 2 4/25 Fort Collins (BC); 4/25 Barr Lake (Club).
IndigoxLazuli Bunting hybrid - 1 5/9 Bonny Resv (AC,NH,LW).
Dickcissel - 14 5/16 Bonny Resv (Count).
Lesser Goldfinch - 2 5/9 Barr Lake (Club); 20 5/14 CCRA (NH,LW).
Green-tailed Towhee - 1 5/2 Golden (GS); 5/9 Evergreen, Red Rocks Park, Barr Lake, and Bonny Resv; 5/10 Fort Collins.
Rufous-sided Towhee - 4/25 Barr Lake (Club); migrants arrived 5/1, 98 5/16 Fort Collins area (BC).
Lark Bunting - 7 4/30 Weldona (HR); next, 5/9 Bonny Resv and Barr Lake; 150 5/10, 1550 5/16 Fort Collins (BC); mountains: 1 near Granby 5/28, 8 near Maybell 6/2 (ML).
Savannah Sparrow - 1 3/28 Fremont Co (R&NG).
Grasshopper Sparrow - 5/9 Bonny Resv (AC,NH,LW).
Vesper Sparrow - 4 4/5 CCRA (Club).
Lark Sparrow - 1 4/15 Denver (L&CB).
Cassin's Sparrow - 5/10 Louviers (HW); several May reports, Platteville vicinity (ML).
Chipping Sparrow - 1 4/15 Denver (TM).
Clay-colored Sparrow - 1 4/24, 20 5/10 Fort Collins (BC).
Brewer's Sparrow - 4/25 Barr Lake (Club).

Stragglers or Casual Species.

YELLOW-CROWNED NIGHT HERON - 1 5/16 Barr Lake (Count, LW) first record for Denver area.
EUROPEAN WIDGEON - 1 or 2 4/18,19 South Platte River, 2 miles below Antero Resv, Park Co., at 8900 ft elev: male well seen and studied; accompanying female not positively identified. Apparently first Colorado report (R&NG).
American Woodcock - 1 5/1 SE Denver--seen well (L&CB).
Yellow-shafted Flicker - female 3/14 Lyons (LBC); 1 5/9 (no Red-shafted seen) Bonny Resv (LW,AC,NH).
VERMILION FLYCATCHER - male 4/26 Morrison (DT), had been present since approx. 4/22, stayed one week, and photographed by HH. First Denver spring record; previous records, one in fall (Barr Lake) and one December (near Denver).
SUMMER TANAGER - male 5/3 Longmont (AC); immature male 5/8 Boulder (OT,PJ).
CARDINAL - male 5/24-29 E. Denver (PH,TM).
PURPLE FINCH - male 5/28 seen well, Golden (GS).

Resident Species.

Goshawk - 5/10 Conifer (TM).
Blue Grouse - 2 5/15 east of Hogback, Golden (GS).
Sharp-tailed Grouse - 1 5/9 Bonny Resv (AC,NH,LW).
Killdeer - first song 3/17 Platteville (ML); first flock 6 3/29 CCRA (TM).
Pygmy Owl - 1 in cemetery 5/16,18 Fort Collins (AO).
Short-eared Owl - H 7 4/5 CCRA (Club); 1 5/10 Bonny Resv (AC,NH,LW).
Lewis' Woodpecker - (first) 3/29 Durango (OR); 18 4/19 Sedalia vicinity (Club).
Western Meadowlark - singing 3/1 SE Denver (L&CB).
Red-winged Blackbird - singing and displaying 2/28 Denver (L&CB); first flock of females 100 4/24 Longmont (IB).
Pine Grosbeak - common through spring at Fort Collins (BC); 10 5/21 Golden, at edge foothills (GS).
American Goldfinch - 50 4/13-23, 5 5/4 Platteville (ML); P 25 4/24 Fort Collins (BC).
Song Sparrow - first song 3/17 Denver (L&CB).

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Those who have not paid are reminded that 1965 dues are now payable -- $3 regular, $5 supporting, $10 contributing, $2 subscription to Bird Notes. Send to treasurer, George Shier, Box 821, Route 1, Golden, Colo. 80401.

MIGRATION CALENDAR
for Birds of the Denver Area Plains

compiled by Harold Holt - 1964

The following calendar, on pages 22 to 26, lists practically all bird species that have been recorded as spring migrants in the Denver area plains, arranged in the order of their average arrival and/or departure dates. It is hoped that this arrangement will enable interested persons to know better when to expect the first migrants, and also will help them to note departure dates for transients and winter residents or visitors.

Arriving summer resident species and transients -- species generally wintering south and breeding north of this area -- are listed on the left half of the page opposite their dates (extreme left column) of average first arrival. On the right half are listed the same transients and also departing winter species opposite their dates of average last spring occurrence.

The first column following the species names gives for each species its principle status in this area -- M, migrant; B, breeder; S, summer non-breeder; W, winter resident or visitor. The second column lists the extreme first arrival or last departure dates, except for species (W or S) which may winter or summer here. Relative abundance locally in a status category is indicated by a symbol immediately preceding a status letter, * indicating uncommon and # rare or casual. Absence of these symbols indicates that the species is considered to be common. Thus, M*B means "common migrant and uncommon breeder" and #W means "rare winter resident (or visitor)".

A similar list for the fall migration is being prepared for later publication.

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MORE DAMS -- The Bureau of Reclamation has proposed two dams, as part of the Central Arizona project, which will invade the Grand Canyon. One dam will control release of water into the Canyon; the other will flood water back through the entire Grand Canyon National Monument and into the Park. We must take steps immediately to prevent their construction.

The issue has ramifications beyond the Grand Canyon. Projects looming after this one involve flooding areas in Yellowstone, the Grand Tetons, Yosemite, Glacier, Big Bend and others. In addition, Echo Park Dam in Dinosaur Monument lurks as a re-echoing fight. Linked with the proposal also are fantastic schemes to divert water southward from the Missouri and Columbia Rivers and, to replace that water, further diversion from the Yukon.

These dams are supposed to be self-supporting, through sale of power. Other sources of power, potentially cheaper than water, are available. There are coal fields in southern Colorado and atomic power is on the threshold of becoming a mass source of cheap power. In the meantime, the Federal Government is investigating the possibility of obtaining water from the sea. Thus the very real need for water for the Southwest and for power for the same area can be met by other means, without endangering our precious wildlands.

The Central Arizona project is now under consideration by Congress. Let your Congressman hear from you on this unfortunate proposal.

--- Hugh Kingery

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NOTICE---The Denver Field Ornithologists are offering a $50 grant to a Colorado teacher to assist with expenses when in attendance at a Conservation Education Workshop this summer. Anyone interested should contact Lois Webster or Ruth Wheeler at once.

MIGRATION CALENDAR

BIRDS OF THE PLAINS - DENVER AREA

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
February						
10	Pintail	MB	*W	Pygmy Owl	#W	2/18/88
15	Redhead	MB	*W			
17	Mountain Bluebird	M*B	1/30/55			
18	Canada Goose	MB	W			
19	Ring-necked Duck	M	*W			
20	Canvasback	M	*W			
20	Glaucous Gull	#W	12/26/54			
25	White-fronted Goose	*M	#W			
27	American Widgeon	M*B	W			
March						
1	Green-winged Teal	M*S	W	Harlan's Hawk	#W	3/24/63
2	Shoveler	MB	W			
3	Robin	B	*W			
4	Gadwall	M*B	*W			
5	Western Meadowlark	B	W			
7	Lesser Scaup	M*S	*W			
8	Snow Goose	*M	#W			
10	McCown's Longspur	*M	?	Common Bushtit	*W	3/20/60
11	Killdeer	B	*W			
12	Hooded Merganser	M	*W			
13	American Coot	B	*W			
14	Bufflehead	M	*W			
15	Marsh Hawk	B	W	Lapland Longspur	*W	3/24/57
17	Horned Grebe	M	3/13/55	Herring Gull	*W	3/26/56
18	Baird's Sandpiper	M	3/10/62	Snow Bunting	#W	3/27/37
19	Pied-billed Grebe	B	*W			
20	Red-breasted Merganser	M	*W	Glaucous Gull	#W	4/1/38
21	Blue-winged Teal	B	3/12/59			
22	Cinnamon Teal	B	3/9/62			
23	Double-crested Cormorant	B	3/11/61			
24	Eared Grebe	M*B	3/13/55			
25	Great Blue Heron	B	*W	Pygmy Nuthatch	#W	?
25	Whistling Swan	*M	#W			
25	Sparrow Hawk	B	*W			
25	California Gull	*S	3/11/59			
25	Western Bluebird	*M	3/8/58			
26	American Avocet	B	3/17/63			
27	Ruddy Duck	MB	*W			
29	Burrowing Owl	B	3/20/62			
30	Turkey Vulture	B	3/17/56			
30	Greater Yellowlegs	M	3/22/63			
31	Swainson's Hawk	B	3/3/58			
31	Belted Kingfisher	B	*W			
31	Eastern Phoebe	#M	3/11/61			
April						
1	Prairie Falcon	B	W	Bald Eagle	#W	4/18/37
1	Sandhill Crane	M	3/27/54			
1	Mourning Dove	B	*W			

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
April						
2	Long-billed Dowitcher	M	3/27/60			
2	White-throated Swift	B	3/26/61			
2	Common Grackle	B	3/23/57			
3	Vesper Sparrow	B	3/8/57	Common Redpoll	#W	4/9/64
3	Sage Sparrow	*M	3/23/61			
3	Chipping Sparrow	B	3/10/57			
4	Lesser Yellowlegs	M	3/30/58	McCown's Longspur	*M	4/12/59
4	Say's Phoebe	B	3/15/35			
4	Yellow-headed Blackbird	B	#W			
5	Cooper's Hawk	M*B	*W	Gray-crowned Rosy Finch	*W	4/11/61
5	Black-crowned Night Heron	B	3/27/60	Black Rosy Finch	#W	4/11/61
5	Brewer's Blackbird	B	*W	Brown-capped Rosy Finch	#W	4/10/59
6	Mockingbird	B	#W	Whistling Swan	*M	4/13/55
7	Savannah Sparrow	B	3/23/61	White-ffonted Goose	*M	4/15/58
8	Sage Thrasher	M	4/1/59			
9	Barn Swallow	B	4/2/63	Steller's Jay	#W	4/23/63
10	American Golden Plover	#M	3/30/06	Ring-billed Gull	W	*S
10	Pectoral Sandpiper	M	4/2/55	Tree Sparrow	W	5/3/62
10	Rock Wren	B	*W			
10	Water Pipit	M	*W			
11	Rough-winged Swallow	B	4/1/62	Goshawk	#W	4/26/61
12	Tree Swallow	M	4/6/63			
12	Eastern Bluebird	#B	4/7/61			
13	Franklin's Gull	M	4/1/56	Barrow's Goldeneye	#W	5/2/59
13	Violet-green Swallow	M	4/1/62			
13	Ruby-crowned Kinglet	M	4/1/62			
14	Snowy Egret	B	3/29/59	White-winged Junco	*W	4/21/59
14	Sora	B	3/30/60	Chestnut-collared Longspur	*W	4/23/57
15	Sharp-shinned Hawk	M	*W	Greater Scaup	#W	5/5/61
15	Osprey	*M	4/10/59	Bohemian Waxwing	W	4/22/59
15	Yellow-bellied Sapsucker	M	*W			
15	Loggerhead Shrike	B	3/31/63			
16	Western Grebe	M	4/5/59			
16	Brown-headed Cowbird	B	3/27/60			
17	Mountain Plover	*B	4/12/59			
17	Solitary Sandpiper	M	4/9/60			
18	White Pelican	*M	3/27/58	Dipper	W	4/26/63
18	Bonaperte's Gull	M	4/8/55	Swamp Sparrow	*W	5/4/64
18	Forster's Tern	B	4/10/60			
18	Cliff Swallow	B	4/1/62			
19	American Bittern	B	4/7/56	Snow Goose	*M	4/30/60
19	White-faced Ibis	M	4/8/61	Hooded Merganser	M	5/3/60
19	Long-billed Curlew	M	4/11/60			
19	Western Sandpiper	M	3/23/55			
19	Hermit Thrush	M	4/8/54			
19	Audubon's Warbler	M	#W			
19	Lesser Goldfineh	B	4/4/59			
20	Common Loon	M	4/14/57	Horned Grebe	M	5/21/60
20	Peregrine Falcon	M	3/20/63			
20	Virginia Rail	B	#W			
20	Sanderling	M	4/15/56			
20	Black-necked Stilt	*M	4/14/59			

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
April						
20	Myrtle Warbler	M	#W			
20	Brewer's Sparrow	B	3/27/58			
21	Willet	M	4/11/62	Bewick's Wren	#W	5/1/60
21	Marbled Godwit	*M	4/14/63			
21	Brown Thrasher	B	#W			
21	Rufous-sided Towhee	B	#W			
22	Semipalmated Plover	M	4/15/60			
22	Bank Swallow	B	4/17/55			
22	Catbird	*B	4/13/56			
22	Wilson's Warbler	M	4/15/57			
23	Least Sandpiper	M	4/14/56	Slate-colored Junco	W	5/1/62
23	Green-tailed Towhee	M	4/10/57			
24	Wilson's Phalarope	B	4/9/63	Common Goldeneye	W	5/21/61
24	Northern Waterthrush	*M	4/15/61	Northern Shrike	W	5/9/59
24	Lark Sparrow	B	4/15/64			
25	Broad-winged Hawk	#M	4/22/57	Green-winged Teal	MW	*S
25	Spotted Sandpiper	B	4/18/55	Canvasback	M*W	5/8/55
25	House Wren	B	4/19/56	Common Merganser	W	6/1/60
25	Yellowthroat	B	4/20/63	Mountain Chickadee	*W	5/5/57
25	Clay-colored Sparrow	M	4/14/63			
26	Snowy Plover	#M	4/21/63	Sage Sparrow	#M	5/7/63
26	Dunlin	#M	4/20/63			
26	Black-and-White Warbler	*M	4/20/59			
26	Orange-crowned Warbler	M	4/20/59			
27	Lark Bunting	B	4/19/60			
27	Lincoln's Sparrow	M	#W			
28	Stilt Sandpiper	*M	4/20/59			
29	Poor-will	*B	4/23/60	Ring-necked Duck	M*W	5/21/61
29	Western Kingbird	B	4/6/56	Sandhill Crane	M	5/5/56
30	Eastern Kingbird	B	4/24/59	Pigeon Hawk	*W	5/9/64
May						
1	Ruddy Turnstone	#M	4/26/90	American Widgeon	M*W	*B
1	Red-headed Woodpecker	B	4/22/59	Redhead	M*W	*B
1	Ash-throated Flycatcher	#M	4/24/56			
1	Blue-gray Gnatcatcher	*M	4/27/60			
1	Nashville Warbler	*M	4/25/54			
1	Parula Warbler	*M	4/11/63			
2	Cassin's Kingbird	*B	4/17/55	Varied Thrush	#W	5/13/61
2	Macgillivray's Warbler	M	4/24/55			
2	Black-headed Grosbeak	B	4/26/59			
3	Western Wood Pewee	B	4/25/60	Long-billed Marsh Wren	*W	#S
3	Lazuli Bunting	B	4/25/54			
4	Black Tern	*B	4/25/60	Water Pipit	M*W	5/18/63
4	Broad-tailed Hummingbird	B	4/27/60			
4	Virginia's Warbler	M	4/29/61			
4	Yellow Warbler	B	4/30/55			
5	Chimney Swift	*B	4/28/60	Pintail	M*W	B
5	Summer Tanager	#M	5/1/36	Sharp-shinned Hawk	M	5/14/60
5	Baird's Sparrow	*M	4/27/61	Saw-whet Owl	#W	5/15/60
6	Yellow-throated Vireo	#M	5/4/61	Red-breasted Nuthatch	W	5/16/60
6	Townsend's Warbler	*M	4/28/55	Mountain Bluebird	M	#B
6	Blackpoll Warbler	*M	4/29/61	Townsend's Solitaire	W	5/15/60

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
May						
6	Hooded Warbler	#M	4/26/64			
7	Black-bellied Plover	*M	4/30/62	Oregon Junco	W	5/16/54
7	Dusky Flycatcher	M	5/1/64			
7	Swainson's Thrush	M	4/30/60			
8	Piping Plover	#M	5/6/39	White-breasted Nuthatch	W	*B
8	Western Flycatcher	M	5/1/55	Brown Creeper	W	5/24/55
8	American Redstart	*B	5/4/63	Rusty Blackbird	*W	5/19/62
8	Bullock's Oriole	B	5/2/60			
9	Black-throated Gray Warbler	#M	5/7/58	Dunlin	#M	5/11/61
10	Upland Plover	*B	5/2/37	Gadwall	M*W	*B
10	Band-tailed Pigeon	*S	5/2/59	Red-breasted Merganser	M	5/19/57
10	Black-throated Blue Warbler	*M	?	Cooper's Hawk	*W	5/20/61
10	Dickcissel	*B	5/1/57	Yellow-bellied Sapsucker	M	?
10	Western Tanager	M	5/4/64	Winter Wren	*W	5/21/60
10				White-throated Sparrow	*W	5/21/60
11	Hammond's Flycatcher	*M	5/6/60	Common Loon	M	5/21/55
11				Rough-legged Hawk	W	6/4/61
11				Cassin's Finch	W	5/25/61
12	Traill's Flycatcher	B	5/6/61	Peregrine Falcon	*M	5/19/62
12	Bell's Vireo	#M	5/7/61	Wood Duck	*W	5/27/61
12	Ovenbird	*B	5/6/54	Bufflehead	M	5/21/60
12	Yellow-breasted Chat	B	5/7/63	Greater Yellowlegs	M	5/21/60
12	Grasshopper Sparrow	*B	5/4/10	Eastern Phoebe	#M	5/26/63
13	Solitary Vireo	M	5/8/59	Golden-crowned Kinglet	*W	5/19/57
13	Tennessee Warbler	#M	5/9/61	Yellow-throated Vireo	#M	5/16/60
13	Rose-breasted Grosbeak	*M	5/8/62	Harris' Sparrow	*W	5/21/60
14	Red-eyed Vireo	B	5/8/60	Ruddy Turnstone	#M	5/18/63
14	Warbling Vireo	B	5/8/63	Snowy Plover	#M	5/29/63
14	Chestnut-sided Warbler	#M	5/11/56			
15	Least Bittern	*B	?	Osprey	*M	6/1/60
15	Northern Phalarope	M	5/7/61	Semipalmated Plover	M	5/21/39
15	Least Flycatcher	#M	5/3/60	American Golden Plover	#M	5/18/63
15	Veery	*M	5/7/61	Lesser Yellowlegs	M	5/26/63
15	Palm Warbler	#M	5/12/61	Baird's Sandpiper	M	5/20/59
15				Sage Thrasher	M	*S
15				Summer Tanager	#M	5/20/61
15				Red Crossbill	W	6/9/61
16	Green Heron	#S	5/10/62	Lincoln's Sparrow	M	5/26/63
16	Common Egret	*S	4/26/07	Solitary Sandpiper	M	5/28/62
16	Olive-sided Flycatcher	M	5/7/64	Least Sandpiper	M	5/23/59
16				Pectoral Sandpiper	M	5/23/59
16				Semipalmated Sandpiper	M	5/21/39
16				Gray-headed Junco	W	5/24/55
17	Indigo Bunting	*B	5/7/01	Piping Plover	#M	5/21/55
17				Stilt Sandpiper	M	5/27/61
17				Marbled Godwit	*M	5/21/60
17				Sanderling	M	5/21/55
17				Bonaperte's Gull	M	5/23/59
17				Wilson's Warbler	M	5/30/63
17				Fox Sparrow	#W	?
18	Magnolia Warbler	*M	5/14/63	Orange-crowned Warbler	M	5/23/59
18				Macgillivray's Warbler	M	5/21/60

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
May						
18				Palm Warbler	#M	5/20/61
19	Common Nighthawk	B	5/3/58	White Pelican	M	*S
19	Yellow-billed Cuckoo	*B	5/8/61	Willet	M	5/23/59
19				Western Sandpiper	M	5/25/61
19				Tennessee Warbler	#M	5/20/61
19				Black-throated Gray Warbler	#M	5/24/63
19				Baird's Sparrow	*M	5/23/59
20	Bobolink	#B	5/17/58	Lesser Scaup	MW	*S
20	Blue Grosbeak	*B	5/17/58	Black-bellied Plover	*M	5/26/63
20				Nashville Warbler	*M	5/22/55
20				Virginia's Warbler	M	5/23/59
20				Myrtle Warbler	M	5/25/61
20				Townsend's Warbler	*M	5/24/57
20				Green-tailed Towhee	M	5/23/59
20				Clay-colored Sparrow	M	5/23/61
21	— — — — — — — —			Audubon's Warbler	M	5/26/63
21				Northern Waterthrush	*M	5/26/59
22	Orchard Oriole	#M	5/19/62	Short-eared Owl	W	#B
22	Baltimore Oriole	#M	5/20/61	Parula Warbler	*M	5/27/61
22				Blackpoll Warbler	*M	5/26/57
22				White-crowned Sparrow	W	5/29/62
23	Black-billed Cuckoo	#B	5/18/63	Magnolia Warbler	*M	5/27/63
23				Baltimore Oriole	#M	5/23/59
24				Franklin's Gull	M	6/12/63
25	White-rumped Sandpiper	M	5/21/39	Veery	*M	?
25				Cedar Waxwing	W	6/2/55
26	— — — — — — — —			Chestnut-sided Warbler	#M	5/31/35
26				Orchard Oriole	#M	6/2/62
27	— — — — — — — —			Broad-winged Hawk	*M	6/5/63
27				Rose-breasted Grosbeak	*M	6/4/63
28	— — — — — — — —			Long-billed Dowitcher	M	6/7/60
28				Blue-gray Gnatcatcher	*M	6/9/62
28				Black-and-White Warbler	*M	6/7/63
29	— — — — — — — —			Evening Grosbeak	W	#B
30				Long-billed Curlew	M	*B
31	— — — — — — — —			Olive-sided Flycatcher	M	6/4/61
31				Solitary Vireo	M	6/5/60
June						
1				Black-necked Stilt	*M	6/8/38
1				Tree Swallow	M	#B
2	— — — — — — — —			Swainson's Thrush	M	6/9/63
2				Western Tanager	M	6/7/60
3				Northern Phalarope	M	6/11/60
3				Black-throated Blue Warbler	*M	6/14/15
4	— — — — — — — —			Bell's Vireo	#M	6/12/03
5				Hammond's Flycatcher	*M	6/11/17
5				Western Flycatcher	M	?
6	— — — — — — — —			White-rumped Sandpiper	M	6/12/13
7				Dusky Flycatcher	M	6/13/51
9				Ash-throated Flycatcher	#M	6/26/59
10	— — — — — — — —			Violet-green Swallow	M	6/19/60
12				Western Grebe	M	*S

FIELD TRIPS and MEETINGS -- APRIL and MAY, 1965

April

10 Sat. 8 a.m. Sedalia area. Meet at Cherry Creek Shopping Center (SW cor.) 1st Ave. & University Blvd. Nancy Hurley, leader. Bring lunch.

11 Sun. 7 a.m. Red Rocks Park. Meet at Colfax & Sheridan, behind drugstore at SE corner. Donald Thatcher, ldr. ½-day.

17 Sat. 8 a.m. Barr Lake. Meet at Natural History Museum parking lot. Lynn Willcockson, ldr. Bring lunch.

24 Sat. 10 a.m. Bear Creek and Morrison area. Meet as April 11. Sadie Morrison, ldr. Bring lunch.

25 Sun. 7:30 a.m. Barr Lake. Meet as April 17. Lois Webster, ldr. Bring lunch.

27 Tues. 8 p.m. April Meeting at Bird Room, Denver Museum of Natural History (Use north, basement entrance). Dr. Howard Winkler will present some of his bird movies.

May

1 Sat. 7 a.m. Golden area. Meet as April 11. George Shier, ldr. ½-day.

8 Sat. First Spring Count. Those who can are asked to cover and report the same areas they plan to cover on the big Count, May 22.

9 Sun. 7 a.m. Red Rocks. Same as April 11.

15 Sat. Third annual meeting of Colorado Field Ornithologists (See bottom of page). Trip to zoo, papers, business meeting, banquet.

16 Sun. C.F.O. meeting. Field trip, falconry exhibition, picnic.

22 Sat. SPRING COUNT. All day. Cover your usual areas, or call Harold Holt (934-3603) or Donald Thatcher (455-7479) for assignment.

25 Tues. 8 p.m. May Meeting. Election of officers. Program to be announced.

No trips Saturdays and Sundays, April 3,4,18 and May 2,23,29,30.

* * * * * *

The Third Annual Meeting of the Colorado Field Ornithologists will be held Saturday and Sunday, May 15 and 16, at Colorado Springs, with the Aiken Ornithological Society as hosts. If you have not received details, write Mrs. Noble Miller, 2129 McArthur Ave., Colorado Springs, Colo. 80909.

COLORADO BIRD CLUB
DENVER MUSEUM OF NATURAL HISTORY
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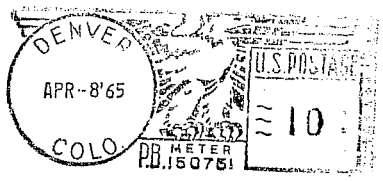

Miss Ruth Wheeler
3340 West 37th Ave.
Denver 11, Colorado

FIRST CLASS MAIL

COLORADO BIRD NOTES

Bulletin of the Denver Field Ornithologists
(National Audubon Society Affiliate)

Vol. 12 No. 4 Denver, Colorado May 15, 1965

BIRD TRIPS TO MEXICO

by Allegra Collister

I

Three very brief visits to Mexico have given me a glimpse of that country's rich bird life and a desire to see more of it. This report is written in the hope that an account of what birds were seen, and where, may be of help to someone planning a first birding trip to that country of strange and colorful species.

Prior to each trip Blake's Birds of Mexico was consulted to determine what birds were likely to be found at that particular time of year in the place to be visited. The resulting list was helpful in several respects. Just compiling the list helped to make strange names familiar. Later study tended to fix in mind the description of each bird, thus speeding identification and saving valuable time in the field.

When we crossed the border into Mexico I felt that all should be new and different, but such is naturally not the case. Many of our North American birds migrate through that country and others are resident there. So one may see more old friends than strictly new species. We found this to be true on a four-day vacation trip to Alamos, Sonora, taken in late November, 1961, by Dennis Carter, Alvin Voight, and Allegra and Carl Collister. Birds were more or less incidental; nevertheless we saw several species not found north of the border as well as others I had not seen previously.

As we drove south across arid Sonora, most numerous species were Turkey and Black Vultures, Red-tailed Hawk, Caracara, Sparrow Hawk, Mourning Dove, Boat-tailed Grackle and Loggerhead Shrike. Also noted were Verdin, Blue-gray Gnatcatcher and Phainopepla. At Guaymas, ocean, beach and marshy coves yielded a great variety of shore and water birds. Western, Heerman's and Laughing Gulls were of especial interest, as were Brown Pelicans and Magnificent Frigatebirds over the bay. Representing the heron family were the Great Blue and the Snowy and Reddish Egrets. A White Ibis, Long-billed Curlews, Willets and Marbled Godwits were prominent among the shore birds, and several Ospreys were seen. Also identified was a Horned Grebe, not listed for western Mexico.

As we traveled southeastward towards C. Obregon and Navajos we saw a lone Harris' Hawk, and Cassin's Kingbirds were numerous. Vermilion Flycatchers perched on power lines and on fence wires above small marshes, and in a one-mile stretch we counted a dozen or more. Other species included Inca Dove, Gila Woodpecker, Curve-billed Thrasher, Cardinal and Pyrrhuloxia. Near Obregon where low shrubbery bordered the roadside Dennis asked Al to turn back to give me my first record of the Groove-billed Ani. Several of that "loosely put together" bird were climbing about in the bushes. Small Mexican Crows on telephone wires afforded an excellent view of this distinct species, our first truly Mexican bird.

Alamos, with a colorful history, has been made a national monument and preserved as nearly as possible in its early day condition. This means old adobe houses, cobblestone streets, no movies, no neon signs, but no lack of comfortable accommodations for the traveler. We registered at the modern Motel Alamos, formerly the mansion of

the Sonoran governor. Our rooms were clean and spacious, and food in the adjoining restaurant was excellent, all at a moderate cost by American standards. There were also two hotels, at least one of which was in the luxury class. A high adobe wall enclosed the motel property and with services of a night watchman assured safety of person and property.

To birders one of the most attractive features of the motel was its citrus grove, which we canvassed for birds at intervals from early morning to late afternoon. Here we found a Sharp-shinned Hawk (but could not determine if it had the brown eye of the Mexican race). A Black Phoebe and Vermilion Flycatchers shared insects attracted by the swimming pool. Shortly before dusk large flocks of Audubon's Warblers dropped out of the sky and disappeared into the thick foliage of the trees. A flash of orange (in an orange tree) proved to be a Wagler Oriole, and on another morning the orchard yielded a Streak-backed Oriole with its flame-colored head.

Immediately after our arrival in Alamos we started up the arroyo in front of the motel in search of birds. A flock of 25-30 Blue-rumped Parrotlets flew overhead and disappeared into a large tree. These green, sparrow-size parrots were most difficult to see among the leaves and some time elapsed before we could pick out one here and there and confirm our identification by the blue of wings and rump and the very small size. As we walked back toward the motel another flock of parrots flew over us, with the red of forehead and wing coverts plainly visible. These were tentatively identified as Thick-billed, though at some distance from their usual mountain forest habitat.

One morning as we ate breakfast strange notes lured us outside to invesitgate. In a nearby tree was our first Vermilion-crowned Flycatcher. Since then we have seen many of these small editions of the Kiskadee, but the first is always the one best remembered. Another flycatcher left us confused--was it Ash-throated or Nutting's? We will never know.

Through the motel management we met Jorge, one-time student at Regis College, who spoke very good English. He acted as our guide and with his help we found our way along a narrow winding road to a favored spot for outings on the Cuchajaqui River. Here the Rock Wren on an outcropping of rock, Spotted Sandpipers along the shore, the Great Blue Heron that flew upstream, Green-winged Teal on the water and several Lincoln's Sparrows that hid in the tall grass all combined to make us feel very much at home. Then a small bird flew out from the river bank and alighted on an overhanging branch not far downstream, one I have all my life wanted to see--the Green Kingfisher! A lovely little bird amidst lovely surroundings.

We made our way upstream and as we rounded a curve several Olivaceous Cormorants flew up the river and disappeared. Ruby-crowned Kinglets, Warbling Vireos, Orange-crowned Warblers, Black-throated Grays and the ever present Audubon's were all there in numbers and had to be checked out one by one. A slight rustling in the tree-top attracted Dennis' attention and almost at once he spotted a parrot's head. From another vantage point we could see the entire bird, a White-fronted Parrot. The white forehead and red of the wings were good marks and clearly visible. Six of them flew to another tree nearly denuded of leaves and we enjoyed watching them for some time.

As we returned to Alamos I had a fleeting glimpse of a very long-tailed bird as it disappeared over the crest of a hill. We climbed up on an old stone wall that bordered the road and saw that the bird had alighted in a tree, giving us a fine view of our first Magpie-Jay in Mexico. Earlier we had seen captive birds in the interesting Desert Museum west of Tucson.

Enroute home we added more birds to our list in the vicinity of Guaymas: Common Loon, White Pelican, Whimbrel, Wilson's Plover, Ring-billed and Bonaparte's Gulls

and Caspian Tern. Near the motel we had a good view of a Broad-billed Hummingbird (my first) and the familiar Williamson's Sapsucker.

Thus in 8 to 10 hours of birding, plus what we could do along the highway, we had recorded 8 species of Mexican birds as well as several that are rare in the United States. Our time in Alamos was all too short and we are convinced that a return visit would be even more profitable.

II

My second opportunity for birding in Mexico came in late February, 1963, a solo trip by bus from Brownsville south 276 miles to Ciudad Mante, Tamaulipas, about fifty miles south of the Tropic of Cancer. This was a 6½-hour journey with dinner stop in Ciudad Victoria.

Mante, a city of 20,000 to 40,000 (depending on whose figures you believe) has one good downtown hotel (Hotel Mante) and one good motel south of the city. Since I was afoot the hotel was the convenient place for me to stay, with a comfortable room at $3.20 per day. Meals in the dining room were fairly good though somewhat monotonous. Even though the city water supply was chlorinated, additional treatment of drinking water seemed advisable. A night watchman patrolled the hotel grounds and guest parking area.

Two or three of the hotel employees spokeEnglish and one of them, the night clerk, was of invaluable assistance. He found a reliable driver who would take me to nearby birding areas at a reasonable charge of 15 pesos per hour for car and driver. Raul had a clean, dependable car and proved to be not only a good driver but a considerate one who stopped quickly for birds, sometimes on his own initiative. He knew of several places that we might try for birds.

The first one visited was El Naciemento (the spring), 16 kilometers west of C. Mante. To reach it we drove along country roads and beside irrigation ditches where Common Egrets waded and Belted Kingfishers flew up and down. Vermilion-crowned (Social) Flycatchers were numerous and Myrtle Warblers nearly as common as the Audubon's at Alamos. The spring forms a beautiful lake, El Ojo de la Mar. On it were Least Grebe, Olivaceous Cormorants and several species of ducks. Thirty feet up in a tree Raul found a Lineated Woodpecker, the sun shining through its gorgeous red crest. A Golden-fronted Woodpecker was colorful but less exciting. A flock of noisy Plain-tailed Brown Jays flew back and forth, paying little attention to us--though quite possibly we were the cause of their scolding. Blue-gray Gnat-catchers were numerous, and several Mockingbirds, Clay-colored Robins and Hooded Orioles were seen. Warblers here and around C. Mante included Black-and-White (many), Orange-crowned, Nashville (in migration?), Yellow-throated, Wilson's and Prairie.

The next day's drive took us southwest towards the low mountains. Recorded that morning were Plain Chachalaca, Red-billed Pigeon, White-fronted Dove, the amazing Squirrel Cuckoo (a bright chestnut bird 17" to 19" long), Fish Crow, Green Jay and many Cardinals and Indigo Buntings.

A morning spent along the Rio Frio near El Limon was most rewarding. Several times we had seen flocks of parrots flying in the distance, here we saw them in the tree-tops--Green Parakeet, Red-crowned Parrot and Red-lored Parrot. We sat on the River bank and in a tropical setting of sabino trees watched three species of king-fishers, Ringed, Amazon and Green. Along the trail through dense thickets we saw the large Wedge-tailed Sabre-winged Hummingbird (Chupa Rosa, the Mexicans call them), more Squirrel Cuckoos, several Rose-throated Becards and in an open area a flock of 50 or moreWhite-collared Seedeaters. At other points along the river were Purple Gallinule, Little Blue Heron, Spotted Sandpiper, Black-throated Green Warbler, Louisiana Waterthrush and Yellow-crowned Yellowthroat.

The final day's birding took us to El Salto, Mexico's highest falls, in the state of San Luis Potosi. Enroute our road led us through arid country where we saw a Roadrunner, several Caracaras and many Varied Buntings flying across the road from one clump of bushes to another. At the falls many White-collared Swifts, perhaps one hundred or more, and a number of Rough-winged Swallows flew back and forth through the spray. A steep upward path at the right of the falls led to a tropical paradise of sabino trees festooned with Spanish moss. Earlier visitors had frightened away the macaws usually found there, and in the heat of mid-day birds were quite inactive. We flushed a flock of Common Bob-whites and saw many Ground Doves some of which appeared to be the Ruddy species. Our only Common Raven was seen here, though White-necked Ravens had been numerous at lower elevations. A Black-headed Oriole was the only one seen on the entire trip and was a life bird for me. A warning regarding ticks may be in order. Above the falls there were two species of these, one mite-size, the other slightly larger. Light-colored clothing is advised so the ticks will be visible and can be removed at frequent intervals.

In Mante Black Vultures were everywhere, seemingly waiting for an emaciated dog or pig to provide a meal. Eastern Phoebe, Vermilion Flycatcher, Tropical Kingbird and Kiskadee Flycatcher were seen, also one Cedar Waxwing. Other species not previously mentioned included Loggerhead Shrike (numerous), Warbling Vireo, Yellow Warbler and Orchard Oriole.

C. Mante is not a tourist town, and I saw no other "Anglo" on the streets. Travellers may stay over night but there are no shops catering to their needs. This is a Mexican city for Mexican people. However, everyone was friendly and as helpful to the stranger as the language barrier permitted.

In approximately 20 hours of birding I had recorded 14 species of Mexican birds and 7 more not previously seen. With more walking and with competent help certainly many more could have been identified. A sleepy hotel clerk saw me off on the bus which left a few minutes ahead of its scheduled departure time of 6:30 a.m. His invitation, "You will come back?", was still in my mind as we followed the beautiful winding road through the forested foothills of the Sierra Madre Oriental to C. Victoria.

I had thought the birding was over, but one more was still in store. As the bus approached, several White-necked Ravens reluctantly left off feasting on a small highway casualty. With them, and unmistakable with its brown barred tail and buffy wing-linings, was a Roadside Hawk.

* * * * * * *

WELDONA NOTES

by Howard Rollin

July 31, 1964 - June was very pleasant, with comfortable temperatures and 2½ inches of precipitation. July, however, was very dry, with only .5 inch, in small amounts which cooled only briefly and was of no benefit to the pastures. Temperatures reached above 90° on 25 days and four exceeded 100°, 102° being the hottest. The dry weather helped the birds, and all that nested here in July seemed to have raised their young successfully. There were many nesting failures during June, the young disappearing when about ready to leave the nest.

August 31 - The drought continued through August, and the extreme heat continued to mid-month, with strong winds almost daily. Birds were quite active the entire month, with many late nesters still feeding young. A few migrants appeared, all in very small numbers.

The following data cover the three months (Jn-June, Jy-July, A-August):

Mallard - a few nested along Wildcat Creek, as usual; 8 7/14.
Swainson's Hawk - a few, A.
Golden Eagle - occasional.
Marsh Hawk - occasional, A.
Sparrow Hawk - the most common hawk, increased numbers 7/25.
Ring-necked Pheasant - scarce; some young raised, Jy.
Killdeer - very occasional, Jn and Jy, even along creek and potholes.
Solitary Sandpiper - 1 7/22, 1 8/16, the only water bird seen in A.
Mourning Dove - scarce, only one young seen, Jn and Jy; fairly common and nesting,A.
Barn Owl - scarce, A.
Great Horned Owl - small numbers.
Burrowing Owl - one pair nesting, Jn, Jy.
Common Nighthawk - scarce, increased 7/31.
Broad-tailed Hummingbird - 1 8/23.
Lewis' Woodpecker - young, barely able to fly, along creek 7/15.
Eastern Kingbird - common 6/5, scarce since.
Western Kingbird - fairly common nester; very common by 7/30, reduced to few, late A.
Say's Phoebe - one young of first nesting survived; second nesting raised four; common, A.
Western Wood Pewee - first 1 8/18, a few later.
Horned Lark - numerous young appeared in late June; very common Jy,A; flocks of 50 or more, A.
Rough-winged Swallow - very few; last, 2 8/16.
Barn Swallow - first, 2 6/22-23; 6 8/31.
Black-billed Magpie - uncommon; numerous young 7/1.
Common Crow - 1 or 2 occasionally.
Rock Wren - common, with numerous young 7/15;dwindled, A.
Mockingbird - unusually common, numerous young appeared by 7/31; few, late A.
Brown Thrasher - few.
Sage Thrasher - scarce; 1 6/23.
Loggerhead Shrike - few, Jn and Jy; 6 young of one nesting on wing, Jy; very common, early A.
Orange-crowned Warbler - 1 8/26.
Yellow Warbler - 2 8/16-24.
MacGillivray's Warbler - 1 8/26
Wilson's Warbler - 1 8/26.
House Sparrow - one pair nested, but eggs not incubated; none, A.
Western Meadowlark - very common, but few young seen.
Redwinged Blackbird - 3 7/21.
Bullock's Oriole - 1 pair nested successfully, Jn and Jy; 1 8/15.
Brown-headed Cowbird - rare spring and summer, started flocking 7/13; 12 7/27, 1 8/11.
Blue Grosbeak - 1 6/7; scarce Jn, but more numerous and nesting in Jy; scarce, A.
American Goldfinch - occasional, Jn,A.
Lark Bunting - very few nested here; small groups 7/9, large flocks 7/25 and into A; very few, end of A.
Vesper Sparrow - first, 3 8/11; a few through A.
Lark Sparrow - scarce, few nested; small groups 7/24; last 8/27.
Cassin's Sparrow - very scarce; a few nested, Jn,Jy; last 8/15.
Chipping Sparrow - first, 5 8/6; a few through A.
Clay-colored Sparrow - first, 2 8/6; a few through A.
Brewer's Sparrow - scarce; a few nested, Jn,Jy.

BREEDING SEASON -- 1964

by Donald M. Thatcher

The hot, dry summer of 1964, although not as dry as that of 1963, was favorable for the breeding of most bird species, except some of those requiring wet places for nesting. The following list includes data on nesting and on unusual or noteworthy summer occurrences, and also some additions to the spring migration report.

Contributors: Philip Alexander, Verlie Beeler, Lawrence & Catherine Bonner, Mrs Allegra Collister, Martin Coty, Mrs. Camille Cummings, Robert & Nancy Gustafson, Ella & Verna Haubold, Harold Holt, Nancy Hurley, Mrs. Marjorie Lett, Sadie Morrison, Mary Robinson, Mrs. Gail Shickley, George (GS) & Marie Shier, Mrs. Berene Sullivan, Donald Thatcher and Lynn Willcockson, and the Fort Collins Bird Club (BC or FCBC, compiled by Carroll Littlefield). CPER - Central Plains Experimental Range; RMNP - Rocky Mountain National Park; Plv. - Platteville. DFO - scheduled trips of D.F.O.

Additions to Spring Migration report:

Red-shafted Flicker - flock of 50 with nearly 100 Robins in meadow near Estes Park 4/19 (IB).

Swainson's Thrush - last, 6/3 Golden (GS).

Gray-cheeked Thrush - 1 6/1 Golden (GS).

Myrtle Warbler -,6/1 Golden (GS); 1 6/18 Little So. Poudre River, 8000 ft. (L&CB).

Audubon's Warbler - late, 6/3, after late storm, Golden (GS).

Connecticut Warbler - female 6/6 Golden (G&MS).

Wilson's Warbler - last, 6/4 Golden (GS).

Breeding Season:

Eared Grebe - 1 6/21 Barr Lake (DFO).

Western Grebe - 2 6/21 Barr L. (DFO).

Snowy Egret - 2 6/21 Stanley Lake, Jefferson Co. (DFO).

Canada Goose - broods by 5/11 Ft. Collins (BC).

Mallard - nest with eggs, 20 feet from nest and eggs of Ring-necked Pheasant, in dead, tall "weeds", 5/2 Bonny Reservoir (NH,DT); male with 8 downy young, 5/9 SE denver (L&CB).

Cinnamon Teal -3 pairs nesting west of Berthoud, with young 6/7 (AC).

Hooded Merganser - female 6/17 Longmont (AC).

Swainson's Hawk - incubating 5/8 CPER, Nunn (MC).

Ferruginous Hawk - 1 5/28 (MC), 1 6/20,21 (AC,BS) CPER.

Pigeon Hawk - 1 6/14 Red Rocks Park (DFO); nesting pair at Lawn Lake, RMNP, June, reported by MC to MR.

Ring-necked Pheasant - see under Mallard.

Mountain Plover - incubating 5/28 CPER (MC); 6 adults, 4 young 6/17 CPER (AC).

Willet - 1 (non-breeder?) 8/7, Union Resvr., Longmont (AC).

Lesser Yellowlegs - 3 6/21 Barr Lake (DFO).

Marbled Godwit - 1 6/21 Barr L. (DFO).

Franklin's Gull - 1 6/21 Barr L. (DFO).

Forster's Tern - 4 6/21 Barr L. (DFO).

Black Tern - 8 6/21 Barr L. (DFO).

Mourning Dove - young on wing 5/29 (IB), 3 pairs 6/16 nesting 18-20 inches above water in cattail marsh (AC) Longmont.

Yellow-billed Cuckoo - 1 6/12 east Denver (PA).

Barn Owl - spring arrival about 4/25, pair nesting May, Ft Collins (BC).

Screech Owl - 2 nests, May, Ft Collins (BC).

Great Horned Owl - pair and 1 large young 5/9, 2 adults 8/9, Red Rocks (DFO).

Common Nighthawk - 1 yng. 7/6 Plv. (ML); flock of 75 7/30 Allenspark (8000 ft.) (AC).

Chimney Swift - 8 late May to 6/19 Longmont (E&VH,AC).

Broad-tailed Hummingbird - 2 young in nest 6/24, Indian Meadows, Larimer Co. (L&CB); nesting near Lyons, North St. Vrain Canyon, 6000 ft., young taken and

eaten by Steller's Jays (no date, reported to AC).

Belted Kingfisher - 8 together, incl. young, 7/15, SE Denver (L&CB).

Red-shafted Flicker - young in nest 5/31, left nest 6/18-19, Longmont (IB).

Western Kingbird - pair nested on transformer at Berthoud, nest destroyed by grackles 7/11, one live young placed in old Robin's nest was raised by parents (CC); young 7/26 Plv. (ML).

Ash-throated Flycatcher - 1 6/22 Golden (GS).

Dusky Flycatcher - nest 6/16, 3 ft. from ground in willow, 1 egg 6/16, 3 eggs 6/21, 3 large young 7/16; second nest, in willow, 4 eggs 6/30, 3 small young 7/16; third nest, 3 eggs 6/27, in thick scrub willows - North Rock Creek Meadow, Gore Range, 9500 ft. elev. (GS).

Tree Swallow - 1 7/15 SE Denver (L&CB).

Barn Swallow - about one-half numbers of 1963, Golden (GS); young off nest 7/20 Plv. (ML).

Cliff Swallow - large young in nests 6/26, gone by 6/28, Longmont (IB); 100 at Golden where 600 in 1963 (GS); colony at Stead Ranch, RMNP, displaced when buildings removed (AC).

Horned Lark - 3 grown young 6/17, day-old nestlings 6/20, CPER (AC,BS).

Red-breasted Nuthatch - 6 young being fed by parents, Bellaire Lake, Larimer Co., 8350 ft., 7/22 (L&CB).

Dipper - 1 at nest 4.11 Golden (GS); new nest 4/20, 2 nests with large young 6/16, young out of both 6/24, Indian Meadows, Larimer Co. (L&CB).

Mockingbird - incubating 5/28 CPER (MC); 3 young left nest 6/30, Plv. (ML); pair with 2 young 7/9, 1 with 3 young 7/15, SE Denver (L&CB); none at Van Bibber Creek, Golden, where 4 pairs in 1962 (GS).

Sage Thrasher- 1 6/17 CPER (AC).

Robin - pair with white tail-tips of Eastern race (other pairs without), young by 6/2, Plv. (ML); newly hatched young 6/17, Little Larimer River (8500 ft.) (L&CB).

Mountain Bluebird - 1.flightless young 6/26 Park Co. (R&NG); reported decreasing alarmingly in vicinity of Steamboat Springs (AC).

Blue-gray Gnatcatcher - 4 8/1 Daniels Park (DFO).

Loggerhead Shrike - incubating 5/28 CPER (MC); young 6/7 in abandoned magpie nest CPER (DFO); 3 young just out of nest banded 6/25 Nunn (AC).

Red-eyed Vireo - 1 sang through June - July, last seen 8/24 NW Denver (DT).

PROTHONOTARY WARBLER - 2 well-observed, stayed one week, early June, Eldora (G. Shickley).

Virginia's Warbler - 1 carrying nest material 5/22 Ft. Collins (BC); pair 6/21 Eldora (pair with young same vicinity, July 1963) (G. Shickley).

Yellow Warbler - nest with 4 young 7/4 Plv. (ML); still in song 8/23 Denver (DT)

House Sparrow - nest-building 3/29 SE Denver (L&CB).

Red-winged Blackbird - flock of 150 immatures 7/9 SE Denver (L&CB).

Orchard Oriole - first-year male 5/28 CPER (MC).

Bullock's Oriole - first young 7/8 Plv. (ML); 2 families, 4 and 6 young, 7/15 SE Denver (L&CB).

Common Grackle - young out of nest 5/27 Longmont (IB); increasing rapidly at Longmont (AC,IB); 30 adults, flock of 50 young 7/9 SE Denver (L&CB).

Brown-headed Cowbird - common near Golden in spring, but none after 6/6 (GS).

Black-headed Grosbeak - 2 females or imm. 8/23 Red Rocks (DT).

Blue Grosbeak - nest started 6/7, broken by grackles 6/23, young left repaired nest 7/6, 3 young left a second nest 8/11 Longmont (CC); 4 adults 6/21 Barr L. (DFO).

Indigo Bunting - 2 males 6/14 Red Rocks (DFO).

Lazuli Bunting - nest with 4 eggs 6/13, nest with 2 eggs 6/20 Golden (GS); 2 young out of nest 8/11 Platteville (ML).

House Finch - second-brood young 7/3 and 7/20 Plv. (ML).

Pine Grosbeak - female carrying food 6/16 Indian Meadows, Larimer Co.(L&CB); young out of nest 6/18 Little So. Poudre R. (8000 ft.) (L&CB).

Lark Bunting - nesting begun by 5/28 CPER (MC); flock of 50 7/31 near Plv. (ML).

Savannah Sparrow - nest, 4 eggs 6/21 Barr L. (DFO).

Lark Sparrow - small young 5/28 CPER (MC); young 7/26, still being fed 8/11 Platteville (ML).

Sage Sparrow - 2 6/20 Nunn (AC,BS).
Brewer's Sparrow - nesting begun by 5/28 CPER (MC).
Fox Sparrow - nest, 3 eggs just hatching, 6/21, one foot above ground in willow at edge of meadow. Parents, of dark-headed western race schistacea, could be observed at 5 feet. North Rock Creek Meadow, Gore Range (GS).
Chestnut-collared Longspur - 1 6/13 CPER (AC).

The following birds were noted as nesting on the 160-acre Lett farm, at Platteville (numbers of pairs): American Bittern, 1; Mallard, 2; Bobwhite, 1 (only 2 young seen); Killdeer, 8 (80-100 7/20); Mourning Dove, 2 (scarce); Burrowing Owl, at least 5 (15-20 7/23); Common Nighthawk, 2; Red-headed Woodpecker, 1 (2 yng.); Eastern Kingbird, 1 (2 yng.); Western Kingbird, 3 (6 yng. 7/26); Barn Swallow, at least 2; House Wren, 1; Mockingbird, 1; Robin, 3; Yellow Warbler, 2; Yellowthroat, 2; Western Meadowlark, 2 (very few); Red-winged Blackbird, scarce because of lack of cattails; Bullock8s Oriole, 3; Lazuli Bunting, 1; House Finch, 5; Lark Sparrow, 4. Also 1 pair Western Wood Pewee in park in town.

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FALL MIGRATION CALENDAR
for Birds of the Plains of the Denver Area

compiled by Harold Holt - 1964

The following calendar, on pages 36 - 40, is similar to the one for the spring migration which was published in the last previous Colorado Bird Notes. It lists practically all bird species that have been recorded as fall migrants in the Denver area plains, arranged in the order of their average arrival and departure dates.

On the left half of the page are listed arriving fall transients (species generally breeding north and wintering south of this region) and winter resident or visitant species, opposite their respective dates (extreme left column) of average fall arrival. On the right half are listed the same transients and the departing summer residents, opposite their latest average dates of fall occurrence.

The first column following the species names gives for each species its principal status in this area -- M, migrant; B, breeder; S, summer non-breeder; W, winter resident or visitor. The second column lists the extreme first arrival or last departure dates, except for species (W, B or S) which may winter or summer here. Relative abundance locally in a particular status category is indicated by a symbol immediately preceding the status letter, * indicating uncommon and # rare or casual. Absence of these symbols indicates that the species is considered to be common. Thus, M*B means "common migrant and uncommon breeder" and #W means "rare winter resident (or visitor)".

Following this calendar, on pages 41-42, is a list of the occurrences during all seasons of a number of species which are too infrequent or irregular for inclusion in the lists of average dates.

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	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
July						
7	Lesser Yellowlegs	M	6/25/62			
8	Franklin's Gull	M	6/21/54			
10	Stilt Sandpiper	M	7/5/54			
12	Solitary Sandpiper	M	7/3/63			
13	Least Sandpiper	M	7/9/57			
14	Greater Yellowlegs	M	7/9/60			
15	Baird's Sandpiper	M	7/9/60			
17	Long-billed Dowitcher	M	7/12/60			
22	Pectoral Sandpiper	*M	7/15/59			
23	Semipalmated Sandpiper	M	7/19/55			
24	Western Sandpiper	M	7/19/55			
25	Long-billed Curlew	M	*B			
26	Rufous Hummingbird	*M	7/15/63			
27	Sage Thrasher	M	7/18/61			
August						
1	Willet	M	7/24/64			
6	White-rumped Sandpiper	M	7/30/60			
7	Violet-green Swallow	M	7/30/60			
8	Calliope Hummingbird	#M	8/2/54			
10	Western Flycatcher	M	?			
15	Ring-billed Gull	W	*S			
15	Hammond's Flycatcher	*M	?			
15	Dusky Flycatcher	M	?			
16	Sabine's Gull	#M	7/22/63			
16	Marbled Godwit	*M	8/9/57			
17	Semipalmated Plover	*M	8/11/60	Calliope Hummingbird	#M	8/20/56
17	Sanderling	*M	8/11/60			
17	Northern Phalarope	M	7/29/58			
17	Red-breasted Nuthatch	W	8/3/60			
18	Wilson's Warbler	M	8/11/61	Upland Plover	*B	8/22/36
18	Evening Grosbeak	W	#B			
19	Tree Swallow	M	8/13/60			
20	Pintail	M	B			
20	Olive-sided Flycatcher	*M	?			
20	White-breasted Nuthatch	*W	*B			
20	Veery	*M	?			
21	Knot	#M	8/17/62			
21	Northern Waterthrush	*M	8/13/62			
22	Peregrine Falcon	*M	8/5/61			
23	Black-necked Stilt	*M	8/19/61			
24	Clay-colored Sparrow	M	8/14/60			
25	Blue-gray Gnatcatcher	*M	?	Least Flycatcher	#M	9/4/64
26	Tennessee Warbler	#M	8/13/63			
26	Nashville Warbler	#M	8/13/63			
27	Solitary Vireo	M	8/19/58			
28	Buff-breasted Sandpiper	#M	8/25/10			
29	Virginia's Warbler	M	8/24/60	American Redstart	*B	9/3/59
31	Baird's Sparrow	*M	8/24/58			
September						
1	American Widgeon	M	B	Least Bittern	*B	?
1	Black-and-White Warbler	*M	?	Bobolink	#B	9/9/09
1	Myrtle Warbler	M	8/25/59			

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
September						
2	MacGillivray's Warbler	M	8/27/60	Long-billed Curlew	*B	9/9/61
2	Chestnut-collared Longspur	*M	8/22/64	Traill's Flycatcher	B	9/4/55
2	McCown's Longspur	*M	8/22/64	Dickcissel	*B	9/7/61
3	Western Grebe	M	8/26/61			
3	Townsend's Warbler	M	8/27/58			
4	Orange-crowned Warbler	M	8/29/58			
4	Audubon's Warbler	M	8/29/58			
5	Green-winged Teal	MW	*S	Cinnamon Teal	B	9/11/60
5	Ash-throated Flycatcher	#M	9/1/55	Buff-breasted Sandpiper	#M	9/9/62
5	Swainson's Thrush	M	8/31/58	Western Flycatcher	M	9/9/60
6	Yellow-bellied Sapsucker	M	8/25/63	Knot	#M	9/13/64
7	White-crowned Sparrow	W	8/28/60	Black-necked Stilt	*M	9/12/58
8	Horned Grebe	M	8/25/58	Indigo Bunting	*B	9/14/64
8	Sharp-shinned Hawk	M	8/22/64			
9	Mountain Bluebird	M	*B			
9	Scarlet Tanager	#M	9/5/56			
10	Gadwall	MW	*B	White-faced Ibis	*M	10/3/96
10	Pygmy Nuthatch	*W	8/18/61	Cliff Swallow	B	9/17/56
10	Magnolia Warbler	#M	?	Veery	*M	?
11	Green-tailed Towhee	M	9/5/62	Marbled Godwit	*M	9/17/58
11	Lincoln's Sparrow	M	9/6/60	Cassin's Kingbird	*B	9/17/61
12	Bonaparte's Gull	M	9/4/58	Ash-throated Flycatcher	#M	9/17/11
12	Ruby-crowned Kinglet	M	8/28/63	Lark Bunting	B	9/24/61
13	Pigeon Hawk	*W	9/5/57	Mountain Plover	*B	?
13	Cedar Waxwing	*W	9/2/61	Eastern Kingbird	B	9/19/59
13	Black-throated Blue Warbler	#M	9/2/64	Ovenbird	#B	9/18/64
14	Sage Sparrow	#M	?	Blue Grosbeak	*B	9/19/62
15	Shoveler	MW	*B	Virginia Rail	B	*W
15	Cooper's Hawk	M	9/8/62	Rufous Hummingbird	*M	9/23/58
15	Sandhill Crane	M	9/9/56	Hammond's Flycatcher	*M	9/19/00
16	Rough-legged Hawk	W	8/25/62	Yellow-billed Cuckoo	*B	9/22/56
16	Winter Wren	*W	9/8/56	Olive-sided Flycatcher	*M	9/20/60
16	Water Pipit	M	#W	Warbling Vireo	B	9/20/64
17	White Pelican	*M	9/1/61	Broad-tailed Hummingbird	B	9/24/60
18	Red Crossbill	W	8/27/60	Yellow-headed Blackbird	B	#W
19	Black-bellied Plover	#M	8/23/64	Lark Sparrow	B	9/28/63
19	Townsend's Solitaire	W	9/11/55			
20	Redhead	M	*B	Red-eyed Vireo	B	10/10/64
21	Marsh Hawk	MW	B	Black Tern	B	9/28/63
21	Parasitic Jaeger	#M	9/14/61	Solitary Sandpiper	M	9/30/56
21	Brown Creeper	W	9/15/58	Lazuli Bunting	B	10/3/61
22	Mountain Chickadee	W	9/1/62	Red-headed Woodpecker	B	11/14/61
22	Pine Siskin	W	9/3/61			
22	Oregon Junco	W	9/15/60			
23	Hermit Thrush	M	9/18/60	Yellow Warbler	B	9/27/57
24	Rusty Blackbird	*W	9/16/59	Western Kingbird	B	9/29/62
24	Pomarine Jaeger	#M	9/15/63	Tree Swallow	M	10/9/60
24				Bank Swallow	B	10/9/57
25	Wood Duck	*W	9/18/60	Semipalmated Plover	*M	10/8/60
25	Broad-winged Hawk	#M	9/18/49	Dusky Flycatcher	M	10/3/59
25				Mockingbird	B	*W
26	Gray-headed Junco	W	9/7/61	Western Sandpiper	M	10/17/61

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
September						
27	Herring Gull	*W	9/19/64	Violet-green Swallow	M	10/9/60
27	Long-billed Marsh Wren	*W	9/21/63	Bullock's Oriole	B	11/14/64
27	Lapland Longspur	*W	9/18/56			
28	Golden-crowned Kinglet	*W	9/19/56	Northern Waterthrush	*M	10/4/59
29				Forster's Tern	B	10/19/63
29				Yellowthroat	B	10/4/59
29				Black-headed Grosbeak	B	10/10/64
30	Canvasback	M	9/20/60	Black-billed Cuckoo	#B	10/19/63
October						
1				Yellow-bellied Sapsucker	*M	#W
1				MacGillivray's Warbler	M	10/8/59
1				Rufous-sided Towhee	B	*W
1				Savannah Sparrow	B	10/8/56
2	Cassin's Finch	W	9/9/62	Sora	*B	10/7/61
3	American Golden Plover	#M	9/29/63	Tennessee Warbler	#M	10/7/61
3				Brown-headed Cowbird	B	10/10/59
4				Swainson's Thrush	M	10/28/61
5	Ring-necked Duck	M	9/30/61	Rock Wren	B	#W
6	Wood Thrush	#M	9/28/56	White-throated Swift	B	10/13/63
7	White-throated Sparrow	*W	9/18/64	Sparrow Hawk	B	*W
7				Spotted Sandpiper	B	10/13/62
7				Semipalmated Sandpiper	M	10/21/61
7				Northern Phalarope	M	10/14/61
8	Northern Shrike	*W	9/24/63	Scarlet Tanager	#M	10/15/60
9				Virginia's Warbler	M	10/20/60
9				Western Tanager	M	10/19/57
10	Canada Goose	MW	B	Blue-winged Teal	B	11/18/57
10	White-winged Junco	*W	9/30/58	Barn Swallow	B	11/3/52
10	Slate-colored Junco	W	9/30/58	Eastern Bluebird	#B	11/29/62
10				Clay-colored Sparrow	M	10/19/61
11	Harlan's Hawk	#W	9/27/64	Solitary Vireo	M	10/29/60
11	Saw-whet Owl	#W	9/19/62	Wilson's Warbler	M	10/17/63
12	Tree Sparrow	W	10/6/56	Band-tailed Pigeon	*S	10/22/60
12				Rough-winged Swallow	B	10/23/58
12				Black-and-White Warbler	#M	11/20/43
12				Vesper Sparrow	B	10/22/62
12				Cassin's Sparrow	#B	11/17/58
13	Dipper	*W	10/4/59	Osprey	*M	10/25/53
13				Poor-will	*B	10/29/62
13				Townsend's Warbler	M	10/29/61
13				Brewer's Sparrow	B	10/25/61
13				Lincoln's Sparrow	M	10/30/61
14	Snow Goose	#M	10/1/55	Common Nighthawk	B	11/5/61
14				Western Wood Pewee	B	10/21/59
14				House Wren	B	10/26/62
15	Goshawk	#W	10/10/59	Great Blue Heron	B	*W
15	Common Snipe	MW	B	Mourning Dove	B	#W
15	White-winged Scoter	#M	9/14/07	Brewer's Blackbird	B	*W
15				Sage Sparrow	#M	10/25/55
15				McCown's Longspur	*M	?
16				White-rumped Sandpiper	M	10/21/61
16				Wilson's Phalarope	B	10/22/60

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
October						
17				Swainson's Hawk	B	11/2/60
17				Sage Thrasher	M	10/25/62
17				Catbird	*B	11/1/61
18	Lesser Scaup	M	*S	Say's Phoebe	B	10/27/57
18	Hooded Merganser	M	10/12/56	Turkey Vulture	*B	12/21/52
19				Pectoral Sandpiper	*M	11/17/61
19				Baird's Sandpiper	M	10/28/58
20	Red-necked Grebe	#M	10/12/56	Parasitic Jaeger	#M	10/25/53
20	Swamp Sparrow	*W	10/12/63	Belted Kingfisher	B	*W
20				Robin	B	*W
20				Blue-gray Gnatcatcher	*M	11/14/21
20				Nashville Warbler	#M	11/21/56
20				Baird's Sparrow	#M	10/24/63
21	Bufflehead	M	10/15/60	American Bittern	*B	10/31/57
21	Bewick's Wren	#W	10/9/60	Sandhill Crane	M	11/22/61
21				Western Bluebird	*M	11/4/61
22	Common Loon	M	10/16/55	Long-billed Dowitcher	M	10/28/61
22				Orange-crowned Warbler	M	10/30/61
23				Broad-winged Hawk	#M	11/1/61
24				Sanderling	M	11/5/60
25	White-fronted Goose	*M	10/1/21	Water Pipit	M	#W
26				Greater Yellowlegs	M	11/14/56
27				Mountain Bluebird	M	12/12/59
28	- - - - - - - - - -			Black-crowned Night Heron	B	11/11/60
28				American Golden Plover	#M	11/5/59
28				Lesser Yellowlegs	M	11/8/58
29	Short-eared Owl	W	10/21/59	Wood Thrush	#M	11/11/51
30				Marsh Hawk	B	W
30				Magnolia Warbler	#M	12/3/60
31	Harris' Sparrow	*W	10/18/64	Cooper's Hawk	M	*W
31				Least Sandpiper	M	11/30/63
November						
1	Bald Eagle	#W	10/21/38	Gadwall	M	*W
1	Fox Sparrow	#W	10/12/63	Sabine's Gull	#M	11/7/02
1				Burrowing Owl	B	11/8/55
1				Hermit Thrush	M	12/17/56
1				Western Meadowlark	B	W
2	- - - - - - - - - -			Eared Grebe	M*B	12/2/55
3				California Gull	*S	11/14/58
4				Loggerhead Shrike	B	11/21/57
5	- - - - - - - - - -			Pintail	MB	*W
6				White Pelican	*M	11/12/59
7	Common Goldeneye	W	10/29/61	Green-tailed Towhee	M	11/24/54
8	Greater Scaup	#W	10/22/32	Green Heron	#S	11/30/56
9				Chipping Sparrow	M*B	11/18/60
10	Old Squaw	#W	10/22/30	Western Grebe	M	11/22/59
10	Surf Scoter	#M	10/22/99	Sharp-shinned Hawk	M	*W
11				Myrtle Warbler	M	#W
12	Common Merganser	W	10/30/60	Marsh Hawk	MB	W
13				Black-bellied Plover	*M	12/9/61
13				Bonaparte's Gull	M	11/24/63
14	Red-breasted Merganser	M	10/29/28	Pied-billed Grebe	B	*W

	arriving species	principal status	extreme arrival date	departing species	principal status	extreme departure date
November						
14	Steller's Jay	///W	10/24/62	American Avocet	B	12/5/64
14				Franklin's Gull	M	11/22/60
15	Bohemian Waxwing	W	11/9/58	White-fronted Goose	*M	///W
15	Common Redpoll	///W	?	American Widgeon	M*B	*W
15				Shoveler	M*B	*W
15				Ruddy Duck	M*B	///W
15				American Coot	B	*W
15				Common Snipe	B	*W
16	Common Raven	*W	?	Double-crested Cormorant	*B	11/24/59
16				Audubon's Warbler	M	*W
18	Gray Jay	///W	?	Horned Grebe	M	12/3/61
19				Peregrine Falcon	*M	12/20/62
20	Common Bushtit	///W	11/12/60	Red-necked Grebe	///M	11/25/55
20	Gray-crowned Rosy Finch	W	11/10/61			
20	Black Rosy Finch	*W	11/10/61			
20	Brown-capped Rosy Finch	*W	11/10/61			
25	Whistling Swan	*M	11/5/61	Canada Goose	MB	W
25	Barrow's Goldeneye	///W	11/15/59	Green-winged Teal	M	*W
30	Pygmy Owl	///W	?	Bufflehead	M	///W
30				White-winged Scoter	///M	12/28/62
December						
1				Redhead	M*B	*W
1				Ring-necked Duck	M	*W
1				Killdeer	B	*W
1				Ruby-crowned Kinglet	M	///W
5	- - - - - - - - - -			Canvasback	*M	///W
5				Lesser Scaup	M	*W
5				Surf Scoter	///M	12/22/62
6	- - - - - - - - - -			Snow Goose	*M	12/23/62
8				Common Loon	M	12/25/62
15	Snow Bunting	///W	?	Red-breasted Merganser	M	*W
20	Varied Thrush	///W	12/10/61	Whistling Swan	*M	///W
20				Hooded Merganser	M	*W

Very Casual or Accidental Species
of the Denver Plains Area

Yellow-billed Loon 11/7/22
Red-throated Loon 12/23/56
Red-necked Grebe (spring) 3/24/64
Olivaceous Cormorant 10/15/1899
Anhinga 9/?/27 9/24/31
Little Blue Heron 8/29-9/12/64
Cattle Egret 9/11/64
Yellow-crowned Night Heron 5/16/64 4/17/65
Louisiana Heron 5/18/63
Wood Ibis 8/30/02 7/26/34
Blue Goose 3/24/63
Ross's Goose 5/12/56 2/7-14/59
Mexican Duck 10/29/39
Black Duck 12/19/64-1/3/65
Mottled Duck 2/9/37
Common Scoter 10/2/01
Swallow-tailed Kite 7/2/47
Red-shouldered Hawk 5/22-6/23/63
Harris' Hawk 1/14/63
Yellow Rail 7/?/06
Snowy Plover (fall) 7/5/63 10/4/64
Ruddy Turnstone (fall) 9/6-9/62
Whimbrel 5/18/61 5/10/64
Knot (spring) 5/7/64
Dunlin (fall) 10/17/63 8/29/64
Buff-breasted Sandpiper 8/25/10 9/8-9/62
Hudsonian Godwit 5/26/56
Red Phalarope 5/28/59
Laughing Gull 8/7-27/64
Iceland Gull 4/20/30
Black-legged Kittiwake 11/13/32
Common Tern 10/10/13 7/31/61 9/28/63
Artic Tern spring 1887
Least Tern 5/26/35 4/25/64
Ancient Murrelet 11/28/57
Road-runner 12/13/02, fall of 34
Spotted Owl 12/31/58
Black-chinned Hummingbird 6/24/38
Yellow-shafted Flicker, occasional
Red-bellied Woodpecker 12/23/58
Scissor-tailed Flycatcher 4/26/61 4/27/63
Great Crested Flycatcher 9/10/60 9/1/64 9/12/64
Eastern Wood Pewee 5/24-6/29/58 5/26/61 5/19/62
Vermilion Flycatcher 10/11-13/52 12/21/57 4/22-29/64
Gray Jay, very casual winter
White-necked Raven, very casual
Clark's Nutcracker, very casual winter
Bewick's Wren 4/30-5/1/60 10/9/60-3/5/61 12/23/61-3/11/62
Carolina Wren 10/17-11/18/57
Long-billed Thrasher 5/?/06 8/21/49
Gray-cheeked Thrush 4/9/62 5/20-25/63 4/13-5/31/64
Sprague's Pipit 5/4/64

Philadelphia Vireo 9/8/63 10/12/63
Swainson's Warbler 9/21/63 8/22/64
Worm-eating Warbler 4/30/61 5/7/63 4/26/64
Golden-winged Warbler 5/14/63 5/16/64
Prothonotary Warbler 5/13/60
Parula Warbler (fall) 10/24/61 9/22/63
Cape May Warbler 5/10/64
Black-throated Green Warbler 5/20/09 5/4/63 10/12/63
Hermit Warbler 5/12/63
Cerulean Warbler 5/13/59 9/20/36
Blackburnian Warbler 6/12/62 5/12-27/63
Yellow-throated Warbler 5/6-8/61
Bay-breasted Warbler 5/25/53 10/1/60 5/12/63 10/11/63
Pine Warbler 9/5/64
Palm Warbler (fall) 10/15/64
Kentucky Warbler 5/13-6/21/63 5/13/64
Canada Warbler 5/26/17 9/9/13 9/23/63
Orchard Oriole 5/19/62 6/2/62
Baltimore Oriole 5/23/59 5/20/61 5/18/63
Scarlet Tanager 5/24/59 9/5/56 10/15/60 9/5/61
Hepatic Tanager 5/15/56
Cardinal occasional
Painted Bunting 5/17-20/62
Purple Finch 3/13/62 5/28/64
White-winged Crossbill 5/17/17 11/11/54 11/24/62
Brown Towhee 3/17/1895 12/23/61
Rufous-crowned Sparrow 5/16/54
Black-throated Sparrow 6/25/24
Golden-crowned Sparrow 5/7/61

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FIELD TRIP SCHEDULE -- JUNE and JULY, 1965

June

5 Sat. 7 a.m. Barr Lake. Meet at Natural History Museum parking lot. Nancy Hurley, leader. Bring lunch.

6 Sun. 7 a.m. Fort Morgan and Weldona, Rollin Ranch. Meet at Natural History Museum parking lot. Donald Thatcher, leader. Bring lunch.

12 Sat. 7 a.m. Devil's Head. Meet at Cherry Creek Shopping Ctr. (SW cor.), 1st Ave & University Blvd. Lynn Willcockson, leader. Bring lunch.

13 Sun. 6 a.m. Nunn, Central Plains Experimental Range. Meet at Nat. Hist. Museum. Harold Holt, leader. Bring lunch.

19 Sat. 8 a.m. Black Forest. Meet Cherry Creek Shopping Ctr. Ruth Wheeler, leader. Bring lunch.

20 Sun. 1 p.m. Lookout Mountain and Genesee Mountain Parks. Meet at Colfax & Sheridan, behind drugstore at SE cor. Robert Spencer, leader. Bring supper.

26 Sat. 1 p.m. Maxwell Falls. Meet as June 20. Sadie Morrison, leader. Bring supper.

27 Sun. 7 a.m. Gore Range. Meet as June 20. Harold Holt, leader, Bring lunch.

July

3 & 4 No trips.

10 Sat. 7:30 a.m. Wellington Reservoir & Buffalo Creek. Meet as June 20. Charles & Mildred Snyder, leaders. Bring lunch.

11 Sun. 7 a.m. Red Rocks and Genesee Mountain Parks. Meet as June 20. Donald Thatcher, leader. Bring lunch.

17 Sat. 10 a.m. Gore Range, overnight. Meet at Clear Creek bridge on US 6, at

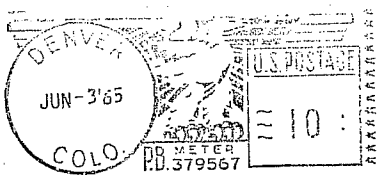
18 Sun. Golden. George Shier, leader. Camp out.

24 Sat. 7:30 a.m. Eldora. Meet as June 20. Sadie Morrison, leader. Bring lunch.

25 Sun. 7 a.m. Palmer Lake area. Meet as June 12. Nancy Hurley, leader. Prepare for hiking, bring lunch.

31 Sat. 7:30 a.m. Echo and Summit Lakes. Meet as June 20. Lynn Willcockson, leader. Bring lunch.

Denver Field Ornithologists
Denver Museum of Natural History
City Park, Denver, Colo.
80206



First Class Mail

Miss Ruth Wheeler
3340 West 37th Ave.
Denver, Colo. 80211

MONTHLY REPORT OF FIELD OBSERVATIONS

of the

Denver Field Ornithologists

VOLUME 1, NO. 1 DENVER, COLORADO SEPTEMBER 1965

This monthly report of observations will provide for you a record of the species observed on field trips to various places in the Denver area. Over a period of time it will become apparent what birds can be seen where, and at what time of year. Also it will enable you to note changes in their abundance and whether new birds are moving into the area. This report WILL NOT replace COLORADO BIRD NOTES that is published during the year but act as a supplement to keep you up to date on birds observed on our field trips.

Because of the number of field trips during August and September we are combining them in one report. In the future months you will receive a report by the 15th of each month showing the field observations of the preceeding month.

In order to assure yourself of receiving this every month, please check your name and address as it appears on this report. If there is a correction that needs to be made PLEASE contact Don Thatcher, 2916 Perry St., Denver, 455-7479, or George Shier, Box 821, Rt. 1, Golden, 279-1990.

* * * * *

FIRST MEETING OF THE FALL
September 28, 1965

8:00 P.M.
Denver Museum of Natural History
Share your summer birding experiences with us and enjoy some of the Wilsons slides.

* * * * *

AUGUST 7, Rocky Mountain National Park Trail Ridge Road & Cub Lake Trail (Moraine Park) - Nancy Hurley, leader. Observers - Doris Anderson, Ted Dement, John Hannum, Steve McCarter, Van Remsen, Bob Spencer, Robina Storrie, Vito Tursi.

SPECIES	TR	CL
Goshawk	2	(at Rock Cut)
Prairie Falcon	2	(Iceberg Lake)
White-tld. Ptarmigan	6	(Rock Cut)
Violet-grn. Swallow	4	(Iceberg Lake)
Water Pipit	12	(Rock Cut)
Red-tld. Hawk		1
Common Nighthawk		1
Broad-tld. Hummingbird		3
Red-shft. Flicker		2
Williamson's Sapsucker		2
Western Flycatcher		1
Western Wood Pewee		3
Olive-sided Flycatcher		2
Steller's Jay		4
Black-billed Magpie		6
Common Raven		2
Clark's Nutcracker		25
Mountain Chickadee		3
White-brstd. Nuthatch		1
Red-brstd. Nuthatch		1
House Wren		1
Ruby-crnd. Kinglet		3
Audubon's Warbler		20

(August 7 - continued)

	CL
Red-wgd. Blackbird	3
Western Tanager	2
Pine Siskin	2
Red Crosbill	2
Gray-headed Junco	12
Lincoln's Sparrow	1
Song Sparrow	1

The 6 Ptarmigan, 1 male, 1 female, & 4 young, were observed to flatten themselves out on the ground as Goshawk flew over. The Goshawk was evidently their predator.

AUGUST 8, Red Rocks & Genesee Mountain Parks - Don Thatcher, leader. Observers - Ted Dement, William and Jack Harrison, Nancy Hurley, Mr. & Mrs. Ronald Lestina, Vito Tursi.

SPECIES	RR	GM
Blue Grouse		2
Mourning Dove	6	1
Broad-tld. Hummingbird	1	
Red-shafted Flicker	2	1
Western Flycatcher		1
Violet-grn. Swallow	2	
Rough-wgd. Swallow	1	
Barn Swallow	1	
Steller's Jay		4
Black-billed Magpie	1	
Black-cpd. Chickadee	1	
Mountain Chickadee		8
Red-brstd. Nuthatch		3
Canon Wren	2	
Rock Wren		1
Catbird	2	
Robin	2	
Virginia's Warbler	2	
Yellow-brstd. Chat	1	
Western Meadowlark	1	
Black-headed Grosbeak	1	
Lazuli Bunting	7	
Pine Siskin	3	
Rufous-sided Towhee	15	
Gray-headed Junco		5
Chipping Sparrow	4	

AUGUST 21, LaForet, Black Forest & Hwy. 83 North to Franktown - Ruth Wheeler, leader. Observers - Merle Barbour, John Colvin, Juanita Craig, Ted Dement, Patty Echelmeyer, Tim Gates, Nancy Hurley, Brian Keating, Margaret Miller, Larry Berry, Sid Posel (New York City), Lulita Pritchett, Margaret Pritchett, June Rynders, Fred Schaefer, Mary Schaefer.

SPECIES	BF	H83
Mallard	1	
Turkey Vulture		25
Red-tailed Hawk		2
Swainson's Hawk		2
Ferruginous Hawk		1
Sparrow Hawk		7
Mourning Dove		13
Broad-tld. Hummingbird	7	
Belted Kingfisher		1
Red-shft. Flicker		2
Downy Woodpecker	1	
Western Kingbird		4
Western Flycatcher	1	

(August 21 - continued)	BF	H83
Western Wood Pewee	1	
Horned Lark		9
Violet-grn. Swallow		6
Barn Swallow		1
Steller's Jay	1	
Black-billed Magpie		10
Common Crow		2
Black-cpd. Chickadee	2	
Mountain Chickadee	1	
White-brst. Nuthatch	1	
Pigmy Nuthatch	3	
House Wren	1	
Robin	1	
Mountain Bluebird		30
Loggerhead Shrike		2
Starling		4
Audubon's Warbler		1
Western Meadowlark		5
Brewer's Blackbird		2
Evening Grosbeak	4	
House Finch		2
Pine Siskin		10
American Goldfinch		10
Lesser Goldfinch		2
Red Crossbill	2	
Green-tld. Towhee	1	
Vesper Sparrow		4
Chipping Sparrow		10

August 28, North of Golden & Coal Creek Canyon - George Shier, leader. Observers - Merle Barbour, Allegra Collister, Ted Dement, Nancy Hurley, Mrs. Paul Julian, Margaret Miller, Ruth Wheeler.

Species	GLDN	CCC
Marsh Hawk	1	
Blue Grouse		4
Rock Dove	4	
Mourning Dove	6	
Poor-will	3	
Broad-tld. Hummingbird		4
Red-shaft. Flicker	3	
Barn Swallow	3	
Steller's Jay		2
Black-billed Magpie	2	
Rock Wren	2	
Virginia's Warbler	1	
Western Meadowlark	2	
Black-headed Grosbeak	2	
Lesser Goldfinch	2	
Green-tld. Towhee		2
Rufous-sided Towhee	4	
Gray-headed Junco		4
Brewer's Sparrow	2	

September 11, Barr Lake and Mile High Duck Club, East side Rocky Mtn. Arsenal - Lynn Willcockson, leader. Observers - Mr. & Mrs. Max Adelman, Merle Barbour, Phyllis Caswell, Edna Colvin, John Colvin, Tim Gates, Dorothy Halfacre, (Alhambra, Calif.), Sadie Morrison, Lois Webster, Ruth Wheeler.

Species	ARSN	BL	MHDC
Great Blue Heron			2
Canada Goose			1
Mallard	9	7	
Pintail	2		
Blue-wgd. Teal		14	
Shoveler		4	1
Turkey Vulture	1		
Red-tailed Hawk	1		
Swainson's Hawk	10		
Rough-legged Hawk	2		
Marsh Hawk	1	1	
Sparrow Hawk	8	1	
Killdeer	12		22
Black-bellied Plover	2		1
Spotted Sandpiper		1	1
Solitary Sandpiper		1	
Greater Yellowlegs			3
Lesser Yellowlegs	1		25
Pectoral Sandpiper	1		
Baird's Sandpiper	11		1
Least Sandpiper	1		1

(September 11 - continued)	ARSN	BL	MHDC
Long-billed Dowitcher			32
Stilt Sandpiper	1		1
Western Sandpiper	14		
Marbled Godwit	2		
American Avocet			19
Wilson's Phalarope	22	28	4
Northern Phalarope	6		
Ring-billed Gull			6
Franklin's Gull			438
Forster's Tern			3
Black Tern			8
Mourning Dove	9	4	
Belted Kingfisher			1
Red-shfd. Flicker			2
Red-hd. Woodpecker	1		
Downy Woodpecker	1		
Western Kingbird	1		3
Say's Phoebe	2		
Horned Lark	12		
Barn Swallow	14	31	217
Black-billed Magpie	9	2	1
Sage Thrasher	1		
Water Pipit	1		
Loggerhead Shrike	2		
Starling	6		20
Wilson's Warbler			1
House Sparrow	14	3	5
Western Meadowlark	5		2
Yellow-hd. Blackbird	20		8
Red-wgd. Black Blackbird	30		10
Common Grackle			3
Western Tanager		2	
American Goldfinch			1
Lark Bunting	5		
Savannah Sparrow	1		
Vesper Sparrow	1		
Lark Sparrow		1	

September 18, Tenth & Pierce, Federal Center, Robbins Dasher Lake and Kendrick Res., Bear Creek and Bevins Ranch, Henrys Lake and Marston Lake - Sadie Morrison, leader. Observers - Merle Barbour, Tim Gates, Margare Miller, Bob Spencer, Ruth Wheeler.

Species	FC	RD&K	BK	HLML
Eared Grebe				2
Western Grebe				3
Pied-billed Grebe		10		
Great Blue Heron				5
Canada Goose		10		20
Mallard	6	22		10
Gadwall				4
Blue-wgd. Teal				20
American Widgeon		12		3
Harlan's Hawk			1	
Sparrow Hawk	4	3	7	12
American Coot	2	40		25
Killdeer				10
Common Snipe				2
Baird's Sandpiper				1
Stilt Sandpiper				3
Ring-billed Gull		1		
Franklin's Gull		50		175
Forster's Tern				2
Mourning Dove				5
Belted Kingfisher	1	(10th & Pierce)		
Red-shft. Flicker			5	
Western Wood Pewee		1		
Violet-grn. Swallow	4			2
Barn Swallow	8			25
Black-bld. Magpie			6	
Black-cpd. Chickadee			1	
Catbird			1	
Robin			7	
Starling	15	8	35	6
Philadelphia Vireo		1		
Yellowthroat		2		
Wilson's Warbler		2	4	
House Sparrow	12			
Western Meadowlark		12		
Red-wgd. Blackbird	6	500		25
Brewer's Blackbird	4	(10th & Pierce)		
Pine Siskin			5	
American Goldfinch			4	

MONTHLY REPORT OF FIELD OBSERVATIONS

of the

Denver Field Ornithologists

VOLUME 1, NO. 2 DENVER, COLORADO NOVEMBER 1965

NOVEMBER MEETING

PESTICIDE RESEARCH ON GAME BIRDS & ANIMALS
DR. LOWELL MCEWAN & MR. RICHARD PILLMORE
FROM U.S. FISH AND WILDLIFE SERVICE
8:00 P.M., NOVEMBER 23, 1965

OCTOBER 2, MT. VERNON COUNTRY CLUB, PINE TREE PARK, COLOROW PARK (LOOKOUT MTN.), GENESEE PARK-WEST - ROBERT SPENCER, LEADER. OBSERVERS - DORIS ANDERSON, CHARLOTTE BARBOUR, MERLE BARBOUR, KATHERINE CRISP, DENNIS GATES, TIM GATES, THOMPSON AND SUSAN MARSH, MARGARET MILLER, SADIE MORRISON, RUTH WHEELER, RUTH WOODWARD.

SPECIES	MTV	LKM	GW
SHARP-SHINNED HAWK		1	
COOPER'S HAWK	1		
RED-TAILED HAWK	2	1	
BLUE GROUSE			
FRANKLIN'S GULL	30	20	
RED-SHAFT FLICKER			1
WILLIAMSON'S SAPSUCKER		3	
OLIVE-SIDED FLYCATCHER			1
STELLER'S JAY	39	15	3
BLACK-BILLED MAGPIE	3	1	2
COMMON CROW	5	2	
CLARKE'S NUTCRACKER	3		
MOUNTAIN CHICKADEE	7	11	
WHITE BRSTD. NUTHATCH		4	
RED BRSTD. NUTHATCH		2	
PYGMY NUTHATCH		12	
BROWN CREEPER			2
ROBIN	9	3	
MOUNTAIN BLUEBIRD	3		
TOWNSEND'S SOLITAIRE	2		
AUDUBON WARBLER	2	2	
HOUSE FINCH	8		
PINE SISKIN	10	5	
AMERICAN GOLDFINCH	4		
LESSER GOLDFINCH	3		
RED CROSSBILL			2
GREEN-T TOWHEE	1		
GRAY-HEADED JUNCO	12	20	1
CHIPPING SPARROW	12		3
WHITE-CRNED. SPARROW	6		
LINCOLN'S SPARROW	1		

OCTOBER 9, BARR LAKE AND MILE HIGH DUCK CLUB - LOIS WEBSTER, LEADER. OBSERVERS - MERLE BARBOUR, RALPH DAGUE, TED & RUTH DEMENT, TIM GATES, GENE HENDRICKS, NANCY HURLEY, SADIE MORRISON.

SPECIES	BR.LK.
EARED GREBE	1
PIED-BILLED GREBE	1
MALLARD	500
GADWALL	50
PINTAIL	4
BLUE-WINGED TEAL	100
AMERICAN WIDGEON	10
SHOVELER	20
REDHEAD	6
LESSER SCAUP	1
BUFFLEHEAD	12
RUDDY DUCK	200
COOPER'S HAWK	1
RED-TAILED HAWK	1
MARSH HAWK	2
SPARROW HAWK	3
RING-NECKED PHEASANT	3
CHUKAR	3
KILLDEER	50
GREATER YELLOWLEGS	1
LESSER YELLOWLEGS	1
PECTORAL SANDPIPER	3
STILT SANDPIPER	1
AMERICAN AVOCET	10
RING-BILLED GULL	10

(OCTOBER 9 - CONTINUED)

SPECIES	BR.LK.
FRANKLIN'S GULL	100
MOURNING DOVE	2
RED-SHAFTED FLICKER	10
HAIRY WOODPECKER	1
HORNED LARK	20
BLACK-BILLED MAGPIE	16
BLACK-CAPPED CHICKADEE	6
HOUSE WREN	1
ROCK WREN	1
ROBIN	1
HERMIT THRUSH	2
SWAINSON'S THRUSH	1
TOWNSEND'S SOLITAIRE	1
RUBY-CROWNED KINGLET	2
WATER PIPIT	75
SHRIKE	(UNIDEN.) 1
STARLING	150
AUDUBON'S WARBLER	25
WILSON'S WARBLER	1
HOUSE SPARROW	20
WESTERN MEADOWLARK	30
YELLOW-HEADED BLACKBIRD	3
REDWINGED BLACKBIRD	1000
BREWER'S BLACKBIRD	15
SAVANNAH SPARROW	2
SLATE-COLORED JUNCO	2
OREGON JUNCO	10
CHIPPING SPARROW	2
WHITE-CROWN. SPAR.	4
SONG SPARROW	2

OCTOBER 10, RED ROCKS & GENESEE MOUNTAIN PARKS - DON THATCHER, LEADER. OBSERVERS - MR. & MRS. MARVIN PISTRANG AND JAN, LARRY & MARK, HAZEL THATCHER.

SPECIES	RR	GM
MARSH HAWK	1	
ROCK DOVE	50	
RED-SHFT. FLICKER	6	
STELLER'S JAY		1
SCRUB JAY	1	
BLACK-BILLED MAGPIE	1	
COMMON RAVEN		2
PINON JAY	1	
MOUNTAIN CHICKADEE		10
WHITE-BRSTD. NUTHATCH		1
RED-BRSTD. NUTHATCH		3
BROWN CREEPER		1
CANON WREN	1	
ROBIN	15	
TOWNSEND'S SOLITAIRE	1	
GOLDEN-CROWNED KINGLET		3
AUDUBON'S WARBLER	4	
WILSON'S WARBLER	1	
WESTERN MEADOWLARK	4	
CASSIN'S FINCH	6	
HOUSE FINCH	8	
PINE SISKIN	4	
RED CROSSBILL		1
RUFOUS-SIDED TOWHEE	5	
OREGON JUNCO	10	
CLAY-COLORED SPARROW	2	
WHITE-CROWNED SPARROW	12	

OCTOBER 16, BEAR CREEK TO MORRISON AND MARSTON, BOWLES, TULE AND HENRY'S LAKES - SADIE MORRISON, LEADER. OBSERVERS - MERLE BARBOUR, JUANITA CRAIG, RUTH & TED DEMENT, TIM GATES, PAULINE HARRINGTON, GENE HENDRICKS, ALICE HESSELING, MARY MARGARET MURPHY, MR. & MRS. MARVIN PISTRANG AND JAN, LARRY, & MARK, BOB SPENCER, C.M. & JOSEPHINE SVENSON, RUTH WOODWARD.

(October 16 - continued)

SPECIES	BR.CK.	LKS.
Pied-billed Grebe		6
Canada Goose		20
Mallard		12
Gadwall		16
Blue-winged Teal		2
American Widgeon		50
Shoveler		2
Redhead		8
Ring-necked Duck		8
Lesser Scaup		2
Bufflehead		10
Ruddy Duck		3
Red-tailed Hawk		6
Marsh Hawk		1
Ring-necked Pheasant	2	
American Coot		500
Killdeer		1
Ring-billed Gull		6
Franklin's Gull		100
Mourning Dove	1	
Red-shafted Flicker	6	4
Downy Woodpecker	1	
Vermillion Flycatcher		1
Black-billed Magpie	10	6
Black-capped Chickadee	4	1
Dipper	1	
Robin	6	
Ruby-crowned Kinglet	1	
Starling	20	20
Audubon's Warbler	12	
House Sparrow	6	6
Western Meadowlark	6	2
Redwinged Blackbird	20	10
Brewer's Blackbird	10	
Pine Siskin	4	
White-crown, Spar.	4	
Song Sparrow	6	

October 17, Cherry Creek Recreation area, Parker area, Elizabeth area, Franktown area - Roberta Ausfahl and Merle Barbour, Leaders and Observers.

SPECIES	CC.RA.	PRK.	ELZ.	FKT.
Eared Grebe	3			
Great Blue Heron				3
Mallard Duck	12			
Red-tailed Hawk		1	1	
Marsh Hawk		1		
Sparrow Hawk		2		
Bobwhite	1			
Amer. Coot	100			
Killdeer	1			
Ring-billed Gull	2			
Burrowing Owl	1 (dead on Road)			
Red-shafted Flicker			1	1
Horned Lark	15	1		
Scrub Jay				2
Black-billed Magpie	3	9	2	7
White-brstd. Nuthatch			4	
Pygmy Nuthatch			1	
Mockingbird			2	
Robin				1
Eastern Bluebird			2	
Western Bluebird			12	
Mtn. Bluebird		15	2	5
Townsend's Solitaire				4
Water Pipit	30			
Starling	17	2	7	
Myrtle Warbler	3			
House Sparrow		18		
Western Meadowlark	22	27	2	2
Redwinged Blackbird	25			
House Finch		6	9	
Pine Siskin		75	130	
Red Crossbill			12	
Slate-cld. Junco		1		
Chipping Sparrow	3	2		
White-crnd. Sparrow	5	9		

October 23, VanBibber Creek, Pinecliff and Gross Reservoir - Thompson Marsh, Leader. Observers - Merle Barbour, Peter & Helen Bonnema, Ted Dement, Tim Gates, Rice & Nancy Hall & Rice III, Gene Hendricks, Don & Phyllis Howe, Nancy Hurley, Margaret Miller, Marvin & Temma Pistrang, Jan,

(October 23 - continued)
Larry & Mark, Warner & Ruth Reeser, Mary Robinson, George Shier, Ruth Wheeler, Ruth Woodward.

SPECIES	VB.CK.	PC	GR
American Widgeon	3		
Cooper's Hawk			1
Red-tailed Hawk	1		1
Golden Eagle		1	
Ring-billed Gull	1		13
Rock Dove	2		
Red-shftd. Flicker	1	1	1
Hairy Woodpecker		9	
Steller's Jay	1	7	
Scrub Jay	5		
Black-billed Magpie	1	3	
Common Crow	1		
Clark's Nutcracker		1	
Mountain Chickadee		4	
White-brstd. Nuthatch		2	1
Red-brstd. Nuthatch		1	
Pygmy Nuthatch		9	
Robin			1
Townsend's Solitaire		2	1
Starling	8		
House Sparrow	3		
Western Meadowlark	5		
Cassin's Finch		6	
House Finch	7		
Pine Siskin			2
Red Crossbill		18	
Slate-colored Junco		2	
Oregon Junco		3	
Gray-headed Junco		2	
Tree Sparrow		1	

October 30, Northwest Denver area lakes - Ruth Wheeler, Leader. Observers - Merle Barbour, Elsa Burrows, Juanita Craig, Ted & Ruth Dement, Helen Manning, Thompson Marsh, Margaret Miller, Bob Spencer, Ruth Woodward.

SPECIES	NW.LKS.
Horned Grebe	2
Eared Grebe	2
Pied-billed Grebe	4
Great Blue Heron	2
Canada Goose	10
Mallard	65
Gadwall	4
Pintail	8
Green-winged Teal	2
American Widgeon	110
Redhead	2
Ring-necked Duck	24
Lesser Scaup	6
Bufflehead	20
Ruddy Duck	2
American Coot	60
Killdeer	8
Ring-billed Gull	100
Red-shafted Flicker	9
Horned Lark	3
Blue Jay	1
Black-billed Magpie	10
Common Crow	20
Robin	6
Starling	15
House Sparrow	2
Western Meadowlark	5
Redwinged Blackbird	100
House Finch	14
Pine Siskin	2
Oregon Junco	10
Gray-headed Junco	1
Tree Sparrow	3
White-crown. Spar.	4
Song Sparrow	2

October 31, Cherry Creek Recreation Area - Lynn Willcockson, Leader. Observers - Doris Anderson, Merle Barbour, Lorni Berger, Ted & Ruth Dement, Gene Hendricks, Nancy Hurley, George Ise, Warner and Ruth Reeser, June Rynders.

SPECIES	CC.RA
Common Loon	8
Horned Grebe	1
Western Grebe	4

(OCTOBER 31 - CONTINUED)

SPECIES	CC.RA.
WHITE PELICAN	3
DBL-CRESTED CORMORANTS	4
MALLARD	4
GADWALL	8
PINTAIL	2
AMERICAN WIDGEON	4
REDHEAD	16
LESSER SCAUP	12
BUFFLEHEAD	29
RUDDY DUCK	1
RED-BRSTD. MERGANSER	6
AMERICAN COAT	18
RING-BILLED GULL	50
FRANKLIN'S GULL	4
HORNED LARK	16
BLACK-CPD. CHICKADEE	2
WESTERN MEADOWLARK	5
RED-WGD. BLACKBIRD	12
HOUSE FINCH	9
PINE SISKIN	2
TREE SPARROW	1
WHITE-CRND. SPARROW	7
SONG SPARROW	2

MONTHLY REPORT OF FIELD OBSERVATIONS

of the

Denver Field Ornithologists

VOLUME 1, NO. 3 DENVER, COLORADO DECEMBER 1965

NOVEMBER 6, S. PLATTE RIVER, BETWEEN BELLEVIEW AND WATERTON ROAD - NANCY HURLEY, LEADER. OBSERVERS - MERLE BARBOUR, TIM GATES, THOMPSON MARSH.

SPECIES	PLT.RV.
MALLARD	12
COOPER'S HAWK	1
SPARROW HAWK	1
KILLDEER	3
COMMON SNIPE	5
RING-BILLED GULL	35
BELTED KINGFISHER	1
RED-SHAFTED FLICKER	10
HAIRY WOODPECKER	2
BLACK-BILLED MAGPIE	30
BLACK-CAPPED CHICKADEE	10
STARLING	100
HOUSE SPARROW	100
WESTERN MEADOWLARK	6
BREWER'S BLACKBIRDS	6
HOUSE FINCH	10
PINE SISKIN	10
AMERICAN GOLDFINCH	6
SLATE-COLORED JUNCO	6
OREGON JUNCO	20
SLATE-COLORED JUNCO	1
HARRIS SPARROW	1
WHITE-CROWNED SPARROW	30
FOX SPARROW	1
SONG SPARROW	1
	25 SPECIES

NOVEMBER 7, PLUM CREEK AND SEDALIA AREA - CHARLES AND MILDRED SNYDER, LEADERS. OBSERVERS - MERLE BARBOUR, ELSA BURROWS, TED AND RUTH DEMENT, NANCY HURLEY, WARNER AND RUTH REESER, MR. & MRS. JACK WELCH.

SPECIES	PC&SA
MALLARD	16
RED-TAILED HAWK (1 BLACK PHASE)	3
MARSH HAWK	1
PEREGRINE FALCON	1
RING-NECKED PHEASANT	1
BELTED KINGFISHER	1
RED-SHAFTED FLICKER	2
LEWIS' WOODPECKER	1
DOWNY WOODPECKER	2
HORNED LARK	2
SCRUB JAY	3
BLACK-BILLED MAGPIE	16
COMMON CROW	39
BLACK-CAPPED CHICKADEE	4
MOUNTAIN CHICKADEE	1
WHITE-BREASTED NUTHATCH	1
MOUNTAIN BLUEBIRD	1
NORTHERN SHRIKE	1
STARLING	15
HOUSE SPARROW	7
WESTERN MEADOWLARK	1
RED-WINGED BLACKBIRD	3
HOUSE FINCH	4
PINE SISKIN	14
LESSER GOLDFINCH	3
RUFOUS-SIDED TOWHEE	4
SLATE-COLORED JUNCO	2
OREGON JUNCO	22
GRAY-HEADED JUNCO	2
TREE SPARROW	47
SONG SPARROW	1
	31 SPECIES

NOVEMBER 13, DEER CREEK - TED & RUTH DEMENT, LEADERS. OBSERVERS - MERLE BARBOUR, STEVE GOODMAN, NANCY HURLEY, MARGARET MILLER, WARNER & RUTH

(NOVEMBER 13 - CONTINUED)

SPECIES	DR.CK.
RED-TAILED HAWK	1
ROUGH-LEGGED HAWK	1
GOLDEN EAGLE	1
RING-NECKED PHEASANT	8
RED-SHAFTED FLICKER	6
DOWNY WOODPECKER	3
STELLER'S JAY	6
SCRUB JAY	2
BLACK-BILLED MAGPIE	31
BLACK-CAPPED CHICKADEE	10
MOUNTAIN CHICKADEE	6
PIGMY NUTHATCH	2
ROBIN	3
TOWNSEND'S SOLITAIRE	7
STARLING	10
WESTERN MEADOWLARK	20
CASSIN'S FINCH	2
HOUSE FINCH	3
COMMON REDPOLL	2
PINE SISKIN	100
LESSER GOLDFINCH	28
RUFOUS-SIDED TOWHEE	1
SLATE-COLORED JUNCO	11
OREGON JUNCO	8
GRAY-HEADED JUNCO	11
TREE SPARROW	2
WHITE-CROWN. SPAR.	3
SONG SPARROW	2
	28 SPECIES

NOVEMBER 14, RED ROCKS AND GENESEE MOUNTAIN PARKS DON THATCHER, LEADER. OBSERVERS - MERLE BARBOUR, PAT ECHELMEYER, NANCY HURLEY, MRS. KINKEAD, THOMPSON & SUSAN MARSH, MARY SHEAFFER, VITO TURSI

SPECIES	RR	GM
COOPER'S HAWK	1	
RED-SHAFTED FLICKER	3	
STELLER'S JAY		1
SCRUB JAY	1	
BLACK-BILLED MAGPIE	5	
COMMON CROW		17
BLACK-CAPPED CHICKADEE	6	
MOUNTAIN CHICKADEE		7
WHITE-BR. NUTHATCH		2
RED-BREAST. NUTHATCH		2
PIGMY NUTHATCH		8
DIPPER (MORRISON)	1	
CANON WREN	2	
TOWNSEND'S SOLITAIRE	3	
NORTHERN SHRIKE	1	
STARLING (MORRISON)	2	
WESTERN MEADOWLARK	1	
EVENING GROSBEAK		3
CASSIN'S FINCH		10
HOUSE FINCH	3	
PINE GROSBEAK		1
GRAY-CROWN. ROSY FINCH	40	
BLACK ROSY FINCH	10	
PINE SISKIN	3	
RED CROSSBILL		10
RUFOUS-SIDED TOWHEE	3	
UNIDEN. JUNCO	8	
WHITE-WINGED JUNCO		1
OREGON JUNCO	8	
TREE SPARROW	3	
WHITE-CROWN. SPAR.	1	
	31 SPECIES	

NOVEMBER 20, MARSTON, BOWLES, TULE AND HENRY'S LAKES, WILLOW SPRINGS, RANCH-MORRISON AND BEAR CREEK - SADIE MORRISON, LEADER. OBSERVERS - DOR

(NOVEMBER 20 - CONTINUED)
DEMENT, GENE HENDRICKS, MARGARET MILLER, WARNER & RUTH REESER, MARY ROBINSON, MR. & MRS. JACK WELCH, RUTH WHEELER.

SPECIES	LKS.	BR.CK.
COMMON LOON	1	
HORNED GREBE	2	
WESTERN GREBE	2	
CANADA GOOSE	140	
MALLARD	12	
GADWALL	16	
PINTAIL	15	
BLUE-WINGED TEAL	12	
AMERICAN WIDGEON	20	
SHOVELER	4	
REDHEAD	20	
RING-NECKED DUCK	18	
CANVASBACK	6	
LESSER SCAUP	2	
COMMON GOLDENEYE	8	
BUFFLEHEAD	10	
RUDDY DUCK	3	
COMMON MERGANSER	7	
RED-TAILED HAWK		1
SPARROW HAWK		2
AMERICAN COOT	60	
RING-BILLED GULL	75	
RED-SHAFTED FLICKER		8
BLACK-BILLED MAGPIE		25
BLACK-CAPPED CHICKADEE		6
DIPPER		1
ROBIN		8
TOWNSEND'S SOLITAIRE		2
UNIDEN. SHRIKE		1
STARLING		40
WESTERN MEADOWLARK		2
REDWINGED BLACKBIRD		20
HOUSE FINCH		12
PINE SISKIN		40
AMERICAN GOLDFINCH		6
OREGON JUNCO		1
WHITE-CROWN. SPAR.		20
SONG SPARROW		2
	38 SPECIES	

NOVEMBER 21, CHERRY CREEK RECREATION AREA - LYNN WILLCOCKSON - LEADER. OBSERVERS - MERLE BARBOUR, RHODA BRANDENBURG, TED DEMENT, JOHN HANNUM, DEE HUDSON, GEORGE ISE, STEVE MCCARTER, MARGARET SIKES, GOLDIE WAINNER.

SPECIES	CCRA
WESTERN GREBE	4
DBL.CRESTED CORMORANT	1
CANADA GOOSE	6
MALLARD	14
AMERICAN WIDGEON	7
SHOVELER	6
COMMON MERGANSER	5
MARSH HAWK	4
RING-BILLED GULL	3
GREAT HORNED GULL	1
STARLING	8
WESTERN MEADOWLARK	6
HOUSE FINCH	1
TREE SPARROW	3
FOX SPARROW	1
SONG SPARROW	1
	16 SPECIES

NOVEMBER 27, MARSTON & BOWLES LAKES, PLATTE CANYON ROAD, WATERTON - ROBERT SPENCER - LEADER. OBSERVERS - MERLE BARBOUR, RON & PAT LESTINA, SADIE MORRISON, RUTH WHEELER.

SPECIES	M&B	P.C.	WTN.
COMMON LOON	1		
CANADA GOOSE	230		
MALLARD	4		
AMERICAN WIDGEON	60		
COMMON GOLDENEYE	1		
BUFFLEHEAD	1		
COMMON MERGANSER	1		
GOSHAWK			1
RED-TAILED HAWK		1(MELANISTIC)	
MARSH HAWK		2	
AMERICAN COOT	6		
KILLDEER	2		

(NOVEMBER 27 - CONTINUED)

SPECIES	MB	P.C.	WTN.
COMMON SNIPE			1
RING-BILLED GULL	20		
KINGFISHER		1	
RED-SHAFTED FLICKER		3	2
BLACK-BILLED MAGPIE	1	5	3
COMMON CROW			27
BLACK-CAPPED CHICKADEE			29
BROWN CREEPER			1
DIPPER			1
STARLING	1	20	
WESTERN MEADOWLARK		5	
RED-WINGED BLACKBIRD	8		
HOUSE FINCH		2	1
AMERICAN GOLDFINCH			28
LESSER GOLDFINCH			1
RUFOUS-SIDED TOWHEE		1	
SLATE-COLORED JUNCO			2
OREGON JUNCO			6
TREE SPARROW		1	7
HARRIS SPARROW	3	3	1
WHITE-CROWNED SPARROW		15	
SONG SPARROW			5
		34 SPECIES	

NOVEMBER 28, BOW MAR AREA - LOIS WEBSTER - LEADER. OBSERVERS - GENE HENDRICKS, THOMPSON MARSH, LARRY PERRY, JUNE RYNDERS.

SPECIES	B.MAR
WESTERN GREBE	15
CANADA GOOSE	500(EST)
MALLARD	40
GADWALL	50
PINTAIL	10
AMERICAN WIDGEON	30
REDHEAD	5
RING-NECKED DUCK	60
CANVASBACK	12
COMMON GOLDENEYE	65
BUFFLEHEAD	30
RUDDY DUCK	3
COMMON MERGANSER	15
AMERICAN COOT	55
KILLDEER	3
RING-BILLED GULL	1000(EST)
BLACK-BILLED MAGPIE	3
STARLING	15
HOUSE SPARROW	20
REDWINGED BLACKBIRD	10
HOUSE FINCH	12
WHITE-CROWNED SPARROW	4
	22 SPECIES

THE FOLLOWING IS A SUMMARY OF OPERATION RECOVERY, A BANDING STUDY, MADE BY CHUCK AND MILDRED SNYDER DURING THE MONTHS OF AUGUST, SEPTEMBER AND OCTOBER 1965. THEY OPERATED 10 BANDING NETS AT A LOCATION $\frac{1}{4}$ MILE SOUTH OF SEDALIA, COLORADO, ON A RIDGE THAT SEPARATES EAST AND WEST PLUM CREEK NEAR THEIR CONFLUENCE. THIS LOCATION, 5,835 FEET ELEVATION, HAD SOME CHOKECHERRIES AND A FEW WOODBINE VINES WITH FRUIT. THERE WAS ALSO A VERY GOOD CROP OF ACORNS AND SEVERAL PLUM THICKETS HAD A GOOD CROP OF FRUIT. THE LIST BELOW INDICATES THE NUMBER OF TIMES EACH SPECIES WAS BANDED DURING THE MONTH.

SPECIES	AUG.	SEPT.	OCT.
SHARP-SHIN. HAWK		3	1
SPARROW HAWK			1
BAND-TLD. PIGEON		20	8
MOURNING DOVE		2	1
POOR-WILL		1	
RED-SHFT. FLICKER		3	4
LEWIS' WOODPECKER		2	
DOWNY WOODPECKER	1	3	2
TRAILL'S FLYCATCHER		3	
LEAST FLYCATCHER		2	
WESTERN FLYCATCHER		1	
WSTN. WOOD PEWEE	4	28	
BLUE JAY		7	7
SCRUB JAY	4	8	3
BLK.BILD. MAGPIE		2	4
BLK-CPPD. CHICKADEE	5	14	15
MTN. CHICKADEE			2
WHITE-BRST. NUTHATCH		2	
RED-BRST. NUTHATCH		1	

(OPERATION RECOVERY - CONTINUED)

SPECIES	AUG.	SEPT.	OCT.
HOUSE WREN		1	
CATBIRD		2	
ROBIN	6	32	4
HERMIT THRUSH		1	
SWAINSON'S THRUSH		6	
WESTERN BLUEBIRD		1	
RUBY-CRND. KINGLET		1	4
SOLITARY VIREO	1	1	
RED-EYED VIREO		3	
PHILADELPHIA VIREO		1	
WARBLING VIREO		2	1
ORANGE-CRND. WARBLER		4	1
VIRGINIA'S WARBLER	1	4	
YELLOW WARBLER		1	
MYRTLE WARBLER			4
AUDUBON'S WARBLER		1	15
TOWNSEND'S WARBLER		1	
MACGILLIVRAY'S WARBLER		1	
YELLOW-BRST. CHAT		1	
WILSON'S WARBLER	1	51	2
AMER. REDSTART	2	1	1
HOUSE SPARROW			9
WESTERN TANAGER	5	18	
BLK.-HD. GROSBEAK		1	
EVENING GROSBEAK	2	2	
HOUSE FINCH	1	1	4
PINE SISKIN	1	31	86
LESSER GOLDFINCH	2	4	2
GREEN-TLD. TOWHEE		9	
RUFOUS-SIDED TOWHEE	12	67	64
LARK SPARROW		3	
SLATE-CLD. JUNCO			15
OREGON JUNCO		1	101
GRAY-HEADED JUNCO		1	10
JUNCO (UNIDEN.)			1
TREE SPARROW			10
CHIPPING SPARROW		107	34
WHITE-CRND. SPARROW		10	48
WHITE-THRT. SPARROW			2
SONG SPARROW			3
TOTAL SPECIES	15	50	32
		58 SPECIES	

THE MOST COMMON SPECIES WAS RUFOUS-SIDED TOWHEE WITH 143; THEN CHIPPING SPARROW, 141; PINE SISKIN, 118; OREGON JUNCO, 101; WHITE-CROWNED SPARROW, 58 AND WILSON'S WARBLER, 54. THE BEST DAYS WERE:

SEPT. 8, 45 BIRDS, 80 NET HOURS
SEPT. 19, 53 BIRDS, 80 NET HOURS
SEPT. 23, 49 BIRDS, 80 NET HOURS
SEPT. 30, 41 BIRDS, 80 NET HOURS

OCT. 1, 42 BIRDS, 80 NET HOURS
OCT. 21, 40 BIRDS, 80 NET HOURS
OCT. 28, 38 BIRDS, 80 NET HOURS

THE BEST DAYS BY BIRDS PER NET HOUR WERE:

AUG. 26, .65
SEPT. 19, .66
SEPT. 23, .61

RARITIES:

LEAST FLYCATCHER - SEPT. 13, AND 22, 1965
PHILADELPHIA VIREO - SEPT. 5, 1965
TOWNSEND'S WARBLER - SEPT. 23, 1965

OTHER COMMENTS OF INTEREST BY THE SNYDERS INCLUDED - BANDING OF EVENING GROSBEAKS ON AUGUST 28, (2) AND ONE ON SEPT. 3, AND SEPT. 10, 1965. "WOULD THEY NEST HERE (ELEV. 5835') OR VERY EARLY MIGRANT?"

TRIP LEADERS ARE URGED TO SEND THEIR REPORTS TO LYNN WILLCOCKSON AS SOON AS POSSIBLE AFTER THE FIELD TRIP. THESE MUST BE RECEIVED BY THE 5TH OF THE FOLLOWING MONTH TO APPEAR IN THE MONTHLY REPORT OF FIELD OBSERVATIONS.

THE FLOCKS OF LAPLAND LONGSPURS OBSERVED DURING PARTS OF NOVEMBER ON TOWER ROAD, NORTH AND EAST OF ROCKY MOUNTAIN ARSENAL, CONTINUE TO BE REPORTED. LOIS WEBSTER REPORTS LARGE GROUPS OF THESE WINTER VISITORS DURING THE FIRST WEEKEND OF DECEMBER. CHARLES AND MILDRED SNYDER, AIDED BY LOIS WEBSTER AND NANCY HURLEY, BANDED OVER 100 LAPLAND LONGSPURS ON DECEMBER 5, AT THE SMALL WATER AREA ON NORTH TOWER ROAD.

FIELD TRIP SCHEDULE - JANUARY, 1966

JANUARY

8 SATURDAY, 10 A.M. CLEAR CREEK AND GOLDEN AREA. MEET AT SE CORNER COLFAX & SHERIDAN (BEHIND DRUGSTORE). GEORGE AND MARIE SHIER, LEADERS. *

9 SUNDAY, 7:30 A.M. RED ROCKS AND GENESSEE MTN. PARKS. MEET AS JAN. 8. DONALD THATCHER, LEADER. *

15 SATURDAY, 10 A.M. BEAR CREEK. MEET AS JAN. 8. SADIE MORRISON, LEADER. *

16 SUNDAY, 1:30 P.M. CHERRY CREEK RECREATION AREA. MEET SW CORNER CHERRY CREEK SHOPPING CENTER. LYNN WILLCOCKSON, LEADER.

22 SATURDAY, 8:30 A.M. BARR LAKE. MEET DENVER MUSEUM OF NATURAL HISTORY PARKING LOT. LOIS WEBSTER, LEADER. *

23 SUNDAY, 8 A.M. FRANKTOWN AREA. MEET AS JAN. 16. NANCY HURLEY, LEADER. *

29 SATURDAY

30 SUNDAY, 1 P.M. LOOKOUT MOUNTAIN. MEET AS JAN. 8. BOB SPENCER, LEADER.

* BRING LUNCH